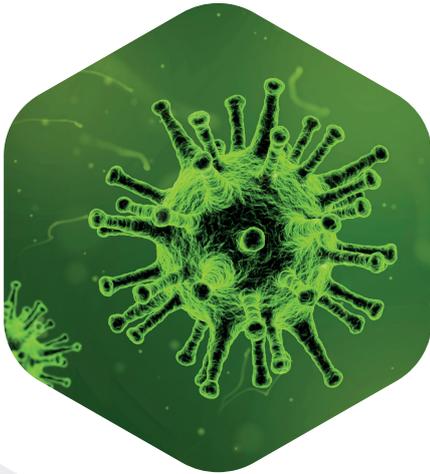


2022



INSTAND

Program

of External Quality Assessment
Schemes in Medical Laboratories

INSTAND
Gesellschaft zur Förderung
der Qualitätssicherung
in medizinischen Laboratorien e. V.

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INSTAND promotes quality assurance in medical laboratories. As an interdisciplinary, scientific-medical professional society, our focus is on improving laboratory analyses' quality as the basis for optimal patient care. INSTAND is appointed as a reference institution by the German Medical Association and has been performing interlaboratory comparisons in all areas of in vitro diagnostics worldwide since 1970.



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PREFACE

2021 was an exciting year at INSTAND. The constant new challenges caused by COVID-19 and our mission to serve you consistently according to our high standards made it essential to adapt and expand our EQA scheme offers.

At the beginning of June, we relaunched our website. The streamlined structure and functional design ensure a better orientation on our site. All content on the website is now available in three languages: German, English, and Italian. We introduced the INSTAND Academy this year, our new training platform (<https://akademie.instand-ev.de/en>). Also new is a quick overview of all INSTAND events (<https://www.instand-ev.de/events>).

Our participants are essential to us. Therefore, this year, we made it a priority to expand our communication channels to keep you better informed.

- You can now follow us on LinkedIn and Twitter.
- On our new YouTube channel, we already published the first videos about the individual functions of RV-Online in German and English. We are constantly expanding the INSTAND Support Center, and more videos will follow.
- Starting in the 4th quarter of 2021, we will publish the INSTAND Newsletter four times per year at the beginning of each quarter to inform you promptly about all INSTAND activities.

INSTAND is constantly expanding into new markets. We currently offer our EQA schemes in more than 80 countries and work closely with a network of more than 25 distributors to support you locally. Newly added this year are our distributors in Greece and Bulgaria (<https://www.instand-ev.de/ueber-instand/distributoren>).

We are pleased to present our new 2022 EQA scheme catalog:

- We have expanded our EQA program with these new schemes:
 - G6PDH (Glucose-6 Phosphate Dehydrogenase), p.83.
 - Virus antigen detection - SARS-CoV-2 (Ag), p.137
 - Virus genome detection - SARS-CoV-2 VOC analysis, p.156Please see page eight for a list of all changes to the program.
- New catalog, stable prices! Our EQA scheme prices will remain unchanged in 2022, despite some significant price increases in procurement.
- Many EQA schemes allow several sample sets to be ordered. Starting in 2022 we will offer volume pricing for most of our EQA schemes.
- Rili-BÄK: new regulation from 1.1.2022. The latest version of the Rili-BÄK published at the end of 2019 is now binding as of 2022 after the specified transition period of two years.
- Our RV-Online system is available at the following address (<https://rv-online.instandev.de>).
Via this portal, we guarantee a comfortable and secure registration as well as result entry.

Your opinion is very important to us! Don't hesitate to contact us with any questions or suggestions you may have at instand@instand-ev.de. We look forward to continuing our productive cooperation.

SAVE
THE
DATE



Gemeinsames Jahressymposium
10. – 12. März 2022
Kap Europa. Messe Frankfurt.



Weitere Informationen und Anmeldeformular ab Herbst 2021 auf www.igld.de

Instand's mission and vision

We promote quality in medical laboratories by offering a wide range of external quality control and continuous education.

Our vision is to improve the reliability of measurement results in medical laboratories worldwide.

In the Federal Republic of Germany, INSTAND is appointed by the German Medical Association as a reference institution for external quality assurance.

Accreditation

INSTAND's versatile EQA program is accredited in all represented disciplines of laboratory diagnostics by the German Accreditation Body (DAkkS) according to DIN EN ISO/IEC 17043:2010.

Terms and conditions, FAQ

Our "General Terms and Conditions for Participation in INSTAND EQA Schemes" shall apply to all participants of the INSTAND EQA schemes.

These terms and conditions can be found at:
<https://instand-ev.de/instand-agb>

We would also be happy to send them to you upon request.

We have compiled answers to frequently asked questions in our FAQ:

<https://instand-ev.de/faq>

Information about the RV-Online Portal

A user account for our RV-Online system is required to participate in INSTAND EQA schemes:

<https://rv-online.instandev.de>

After signing into RV-Online, you will be able to manage your master data and orders, as well as enter your EQAS results, view reports and retrieve your certificates. On our new YouTube channel you will soon find in-depth videos that explain the various features of RV-Online in English and German.

Fees for each INSTAND EQAS

Our prices are net prices which do not include VAT or shipping costs.

Taxes and custom duties shall be borne by the participant.

These prices apply to Germany and may differ for other countries.

Scope of services

An EQA scheme includes the sample material, which is used to determine the measurement values by the participant, as well as a evaluation by INSTAND of the submitted EQAS results.

After evaluating the EQAS, participants who have submitted their results on time will receive an individual report, a general overview where applicable, a certificate of participation, and a certificate if they have passed.

In the event the EQAS is not passed, residual samples may be available after completion of the respective EQAS for a fee so you can check your test systems.

EQA schemes required/not required by Rili-BÄK

The EQA schemes in orange in the table of contents contain analytes that require participation in accordance with the guideline of the German Medical Association on Quality Assurance in Medical Laboratory Examinations <https://bundesaeztekammer.de/>.

This orange labeling of the analytes required by Rili-BÄK is also found in the descriptions of the EQA schemes.

Validity of certificates

Certificates are dated with the closing date of the EQA scheme.

Certificates for parameters which must undergo an EQAS are valid for twice as long as the mandatory EQAS interval. Certificates for parameters which are not subject to an EQAS in accordance with Rili-BÄK are usually valid for 12 months.

Registration / cancellation deadlines

Orders can be changed or cancelled up until the respective registration/cancellation deadline. After the registration/cancellation deadline, it is no longer possible to change the order.

Shipment date

On the day of shipment, the packages will be picked up by the shipping service provider of our choice.

Before every delivery, our shipping service provider will send a tracking number by e-mail. This e-mail is always sent to the main user registered with RV-Online.

If you do not receive the samples by the day after the shipment date, please contact our customer service immediately.

Submission deadlines

EQAS results must be entered by midnight CET on the closing date. After the closing date, it is no longer possible to correct or change the values.

Volume pricing with a sample calculation

Many EQA schemes allow several sample sets to be ordered.

Starting in 2022 we will offer volume pricing for most of our EQA schemes.

Example*:

Falck / Niederau

100

Volume price per EQAS date:
1 EQAS: 49,00 €
from 2 EQAS: 36,00 €

Fee per EQA scheme incl. one evaluation.

**participation according to Rili-BÄK:
quarterly**

For a Group 100 order:

A single EQAS costs 49 € per EQAS date. When two or more sample sets are ordered, 2 x 36 € will be charged for the date, for three sample sets the charge will be 3 x 36€, etc.

Regardless of the number of EQAS and/or sample sets ordered, only one evaluation (incl. certificates, etc.) will be issued for the participant per EQAS date.

*These prices apply to Germany and may differ for other countries.

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Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months / 12 months

Volume price per EQAS date:
 1 EQAS: 49,00 €
 from 2 EQAS: 36,00 €

7

5

AP	Acid phosphatase	Albumin
Albumin (electrophoresis)	Aldolase	Bilirubin
Bilirubin conj.	CHE	CK
Calcium	Chloride	Cholesterol
Copper	Creatinine	GGT
GLDH	GOT	GPT
Glucose	HBDH	IgA
IgG	IgM	Iron
Iron binding capacity	LDH	Lactate
Lipase	Lithium	Magnesium
Osmolality	Pancreas amylase	Phosphate
Potassium	Prostatic acid Phosphatase	Protein
Sodium	Transferrine	Triglycerides
Urea	Uric Acid	alpha-Amylase
gamma-Globulins		

Fee per EQA scheme incl. one evaluation.

participation according to Rili-BÄK:
 quarterly

8

6

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Depending on the EQA scheme, further specific information may be available: i.e. infectious materials, suitable measuring devices, etc.

EQA schemes containing infectious material according to UN3373, biological substances category B, will be marked with the following symbol: ⚠

1. Name of the EQA scheme
2. EQAS expert/deputy
3. EQAS group number
4. Information on the shipped sample material as well as how long the certificate is valid for.
 Orange: for parameters required by Rili-BÄK, black: for parameters not required by Rili-BÄK.
5. Parameters analyzed in the EQAS; parameters in orange required by Rili-BÄK.
6. List of the relevant dates, subdivided into EQAS dates (1 - 6). The month of the EQAS is always in reference to the closing date. The number of available EQAS dates may vary.
7. Details about pricing and availability of multiple sample sets.
8. Information about the frequency stipulated by Rili-BÄK.

Changes in schedule

218 Haematology 09 - Bone Marrow Cytology

The registration deadlines for virtual EQA schemes have been extended

443 Immunogenetics 04 - HLA Crossmatching

EQAS 443 will no longer depend on EQA scheme no. 441.

761 Myocardial Markers BNP

Scheduled dates for May (2) and September (5) are no longer available

172 Urine Chemistry 06 (Sediment Pictures)

The registration deadline for virtual EQA schemes has been extended

Changes in parameters

248 Complement Analysis 04 - C3 - Nephritic Factor

C3-nephritic factor (quantitative) has been removed

250 Complement Analysis 06 - Anti - C1 Inhibitor

Auto-anti-C1 inhibitor IgA (quantitative) has been removed

Auto-anti-C1 inhibitor IgG (quantitative) has been removed

Auto-anti-C1 inhibitor IgM (quantitative) has been removed

283 Haemostasis 15 - TEG/ROTEM

New Parameters: MCF, extrinsic, intrinsic

509 Haemostasis 31 - ROTEM Sigma

New Parameters: MCF, extrinsic, intrinsic

New schemes in our program

279 G6PDH (Glucose-6 Phosphate-Dehydrogenase)

410 Virus Antigen Detection - SARS-CoV-2 (Ag)

417 Virus Genome Detection - SARS-CoV-2 VOC Analysis

Discontinued schemes

220 Haemostasis 11 - Factor VIII Inhibitor

228 Haemostasis 08 - Lupus Anticoagulant

287 Haemostasis 19 - HIT-I (Immunological Testing)

289 Haemostasis 24 - Thrombin Generation Test

510 Haemostasis 26 - ADAMTS13-I (Activity/Antigen)

511 Haemostasis 27 - ADAMTS13-II (Antibodies)

514 Haemostasis 30 - Factor IX Inhibitor

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Molecular Genetics 04 - MTHFR C677T (optional: A1298C)	732	30
Molecular Genetics 05 - PAI-1 (4G/5G)	735	30
Molecular Genetics 06 - Prothrombin G20210A	731	30
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Molecular Genetics 16 - MTHFR C677T (optional A1298C)	747	34
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B 1a	Analytes in Plasma / Serum / Whole blood	Frequency	Group no.
	Activated partial thromboplastin time (aPTT)	Quarterly	221, 285, 286
	Alanine aminotransferase (ALT or GPT) EC 2.6.1.2	Quarterly	100, 120, 810
	Albumin	Quarterly	100, 141, 810
	Alkaline phosphatase (AP) EC 3.1.3.1	Quarterly	100, 120, 810
	Alpha fetoprotein (AFP)	Quarterly	292, 306
	Aspartate aminotransferase (AST or GOT) EC 2.6.1.1	Quarterly	100, 120, 810
	Bilirubin (total)	Quarterly	100, 110, 120, 810
	CA 15-3	Quarterly	292
	Calcium (total)	Quarterly	100, 810
	Calcium (ionised)	Quarterly	161, 163
	Carbamazepine	Quarterly	195
	Carcino embryonic antigen (CEA)	Quarterly	292
	Chloride	Quarterly	100, 161, 163, 810
	Cholesterol (total)	Quarterly	100, 120, 151, 810
	Cortisol	Quarterly	302
	Creatine kinase (CK) EC 2.7.3.2	Quarterly	100, 120, 810
	C-reactive protein (CRP)	Quarterly	241, 322
	Digitoxin	Quarterly	197
	Erythrocytes	Quarterly	211, 612
	Estradiol, 17-beta	Quarterly	302
	Ethanol clinical toxicology	Quarterly	700
	Ferritin	Quarterly	241
	FSH	Quarterly	297
	Gamma glutamyl transferase (?-GT) EC 2.3.2.2	Quarterly	100, 120, 810
	Glucose	Quarterly	100, 111, 120, 161, 800, 810
	Haematocrit	Quarterly	209, 211, 612
	Haemoglobin	Quarterly	162, 163, 209, 211, 612
	Haemoglobin A 1c (HbA1c)	Quarterly	145
	Uric acid	Quarterly	100, 120, 810
	Urea	Quarterly	100, 120, 161, 163, 810
	Human chorionic gonadotropin (hCG)	Quarterly	292, 306
	Immunoglobulin IgA	Quarterly	100, 241
	Immunoglobulin IgG	Quarterly	100, 241
	Immunoglobulin IgM	Quarterly	100, 241
	Potassium	Quarterly	100, 120, 161, 163, 810
	Creatinine	Quarterly	100, 120, 161, 810
	Lactate	Quarterly	100, 161, 163, 810
	Lactate dehydrogenase (LDH) EC 1.1.1.27	Quarterly	100, 810
	Leucocytes	Quarterly	209, 211, 612
	Lithium	Quarterly	100, 161, 195
	Magnesium	Quarterly	100, 161, 810
	Sodium	Quarterly	100, 161, 163, 810
	pCO ₂	Quarterly	161, 163
	pH	Quarterly	161, 163
	Phenobarbital	Quarterly	195
	Phenytoin	Quarterly	195
	Phosphate (inorganic)	Quarterly	100, 810
	pO ₂	Quarterly	161, 163
	Progesterone	Quarterly	302
	Prostate-specific antigen (PSA)	Quarterly	292, 293
	Protein (total)	Quarterly	100, 141, 810

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List of Rili-BÄK parameters subject to specific parts of B 1, B 2, B 3 and B 5

B 1a Analytes in Plasma / Serum / Whole blood Frequency Group no.

>>

Testosterone	Quarterly	293, 302
Theophylline	Quarterly	195
Thromboplastin time (Quick)	Quarterly	221, 285, 286
Thrombocytes	Quarterly	209, 211, 612
Thyrotropic hormone (TSH)	Quarterly	294, 302
Thyroxine, free (fT4)	Quarterly	294, 302
Transferrin	Quarterly	100, 241
Triglycerides	Quarterly	100, 120, 151, 810
Triiodothyronine, free (fT3)	Quarterly	294, 302
Troponin I	Quarterly	760
Valproic acid	Quarterly	195
Vancomycin	Quarterly	197

B 1b Analytes in Urine Frequency Group no. B 1c Analytes in Cerebrospinal Fluid Frequency Group no.

Albumin	Quarterly	173
Calcium	Quarterly	173
Glucose	Quarterly	173
Uric acid	Quarterly	173
Urea	Quarterly	173
Potassium	Quarterly	173
Creatinine	Quarterly	173
Sodium	Quarterly	173
Phosphate	Quarterly	173
Protein (total)	Quarterly	173

Albumin	Quarterly	460
Glucose	Quarterly	464
Immunoglobulin IgA	Quarterly	460
Immunoglobulin IgG	Quarterly	460
Immunoglobulin IgM	Quarterly	460
Lactate	Quarterly	464
Protein (total)	Quarterly	460

B 1d Analytes in dry blood Frequency Group no.

17-Hydroxyprogesterone	Quarterly	785
IRT	Quarterly	785
PAP	Quarterly	785
TSH	Quarterly	785

B 2 Qualitative laboratory testing Frequency Group no.

ABO characteristics	Quarterly	231, 232, 237, 238
Borrelia burgdorferi, antibodies against (in serum)	Biannually	332
Borrelia burgdorferi, antibodies against (in CSF)	Biannually	465
Candida albicans, antibodies against	Biannually	480
Cannabinoids	Quarterly	177
CD4-T cells	Biannually	213
CD8-T cells	Biannually	213
Chromatographic analysis with identification of the active substance (STA)	Biannually	188

>>

List of Rili-BÄK parameters subject to specific parts of B 1, B 2, B 3 and B 5

B 2

Qualitative laboratory testing

Frequency

Group no.

>>

Cocaine and metabolites	Quarterly	174
Differential, blood smear	Quarterly	212
Direct Coombs test	Quarterly	231, 232, 237, 238
dsDNA, autoantibodies against	Biannually	251
Echinococcus, antibodies against	Annually	455
Entamoeba histolytica, antibodies against	Annually	455
Erythrocyte antigens, antibodies against (Coombs test)	Quarterly	231, 232, 237, 238
Glutaminase, antibodies against	Biannually	271
HBc antigen, antibodies against	Biannually	344
HBe antigen, antibodies against	Biannually	345
HBs antigen, antibodies against	Biannually	344
Hepatitis-A virus, antibodies against	Biannually	343
Hepatitis-C virus, antibodies against	Biannually	346
HIV, antibodies against	Biannually	335
IgE antibodies, allergen-specific single allergen test; method-specific control on a rotational basis with 6 chief allergens from the following groups: a) seasonal inhaled allergen, b) year-round inhaled allergen, c) food allergen, d) insect poison allergen	Biannually	720
Immunoglobulin, oligoclonal (oligoclonal bands)	Biannually	462
Nuclei (ANA) autoantibodies against	Biannually	251
	Biannually	357
Methadone and metabolites	Quarterly	176
	Biannually	356
Opiates	Quarterly	174
Plasmodium, antibodies against	Annually	454
Rhesus type	Quarterly	231, 232, 237, 238
Rheumatoid factor (RF)	Quarterly	273, 323
Rubella virus, antibodies against	Biannually	341
Schistosoma, antibodies against	Annually	454
Streptococci desoxyribonuclease, antibodies against	Biannually	321
Streptolysin O, antibodies against	Biannually	321
Toxoplasmosis gondii, antibodies	Biannually	452
Treponema pallidum, antibodies against	Biannually	311
Tricyclic antidepressants	Quarterly	203, 204
Urine sediment	Annually	172
	Biannually	353
Cytoplasmatic components of neutrophil granulocytes (cANCA/pANCA), autoantibodies against	Biannually	257

List of Rili-BÅK parameters subject to specific parts of B 1, B 2, B 3 and B 5

B 3

Direct detection and characterisation of infectious agents

Frequency

Group no.

Bacteria

Gram stain	Biannually	413
Cultivation, identification and sensitivity testing of bacteria	Biannually	411, 412
Cultivation, identification and sensitivity testing of fast-growing bacteria and detection of accompanying bacterial flora of the urogenital system	Biannually	411, 412
Bordetella pertussis, genome detection	Biannually	532
Borrelia burgdorferi sensu lato, genome detection	Biannually	535
Chlamydia pneumoniae, genome detection	Biannually	540
Chlamydia trachomatis, antigen detection	Biannually	313, 316
Chlamydia trachomatis, genome detection	Biannually	530, 531
Clostridium difficile (Toxin Gene), genome detection	Biannually	545
EHEC/STEC (Shiga toxin), genome detection	Biannually	534
Helicobacter pylori, genome detection	Biannually	533
Legionella pneumophila, genome detection	Biannually	536
Listeria monocytogenes, genome detection	Biannually	538
Methicillin resistance Staphylococcus aureus (MRSA), genome detection	Biannually	539
Mycoplasma pneumoniae, genome detection	Biannually	541
Neisseria gonorrhoeae, genome detection	Biannually	530
Salmonella enterica, genome detection	Biannually	537
Coxiella burnetii, genome detection	Biannually	542
Francisella tularensis, genome detection	Biannually	543

Mycobacteria

Microscopic detection of mycobacteria	Biannually	421
Cultivation of mycobacteria	Biannually	422
Differentiation of tuberculosis bacteria	Biannually	422
Sensitivity test of tuberculosis bacteria	Biannually	425, 426
Identification of mycobacteria	Biannually	423
Tuberculosis bacteria, genome detection	Biannually	424

Parasites

Parasites		
Parasites in the blood, microscopic detection	Biannually	456
Parasites in the stool, microscopic detection	Biannually	451
Toxoplasma gondii, genome detection	Biannually	457

Yeasts

Cultivation and identification of yeasts and hyphomycetes	Biannually	490
Identification of dermatophytes, yeasts and moulds (pathogens of dermatomycoses and mucosal yeast infections)	Biannually	491
Candida, antigen detection	Biannually	480
Cryptococcus neoformans, antigen detection	Biannually	481

>>

B 3

Direct detection and characterisation
of infectious agents

Frequency

Group no.

>>

Viruses

Adeno viruses, genome detection	Biannually	371
Cytomegalovirus, genome detection	Biannually	365
Enteroviruses, genome detection	Biannually	372
Epstein Barr virus, genome detection	Biannually	376
Hepatitis A virus, genome detection	Biannually	377
Hepatitis B virus, genome detection	Biannually	361
Hepatitis B virus, HBs antigen detection	Biannually	344
Hepatitis B virus, HBe antigen detection	Biannually	345
Hepatitis C virus, genome detection	Biannually	362
Hepatitis C virus genotyping, genome detection	Biannually	375
Hepatitis C virus, HCV antigen detection	Biannually	346
Hepatitis E Virus, genome detection	Biannually	380
Herpes simplex virus type 1/type 2, genome detection	Biannually	363
HIV 1 (RNA), genome detection	Biannually	360
HIV 1, p24 antigen detection	Biannually	337
Human papilloma viruses, genome detection	Biannually	373
Influenza-A- and -B viruses, genome detection	Biannually	370
Influenza-A- and -B viruses, antigen detection	Biannually	370
Measles Virus, genome detection	Biannually	386
Mumps Virus, genome detection	Biannually	387
Norovirus, genome detection	Biannually	381
Parvovirus B19, genome detection	Biannually	367
Respiratory syncytial virus, genome detection	Biannually	359
Respiratory syncytial virus, antigen detection	Biannually	359
Rubella Virus, genome detection	Biannually	389
Varicella zoster virus, genome detection	Biannually	366
West Nile Virus, genome detection	Biannually	391

Analysis	Gene, Trivial Name	Gene, HGNC-Name	Frequency	Group no.
Alpha1-Antitrypsin	AAT, PI1	SERPINA1	Biannually	743
Apolipoprotein B 100	APOB	APOB	Biannually	771
Apolipoprotein E	APOE	APOE	Biannually	734, 744
Cytochrome p450 2C9 (CYP2C9)	CYP2C9	CYP2C9	Biannually	775
Cytochrome p450 2C19 (CYP2C19)	CYP2C19	CYP2C19	Biannually	777
Cytochrome p450 2D6 (CYP2D6)	CYP2D6	CYP2D6	Biannually	777
Factor V (Leiden)	FV Leiden	F5	Biannually	730, 740
Hereditary haemochromatosis	HLA-H	HFE	Biannually	733, 741
HLA-B27	HLA-B	HLA-B	Biannually	440
Lactase-phlorizin-hydrolase	LPH	LCT	Biannually	770
Methylenetetrahydrofolate reductase	MTHFR	MTHFR	Biannually	732, 747
Plasminogen activator inhibitor I	PAI1	SERPINE1	Biannually	735, 748
Prothrombin	FII	F2	Biannually	731, 746
Thiopurine S methyltransferase	TPMT	TPMT	Biannually	775
Uridyl glucuronyl transferase-1A	UGT1	UGT1A1	Biannually	742
Vitamin K epoxide reductase	VKORC1	VKORC-1	Biannually	775
Cystic fibrosis, mucoviscidosis	CFTR	CFTR	Annually	778
Familial breast/ovarian cancer (BRCA)	BRCA1, BRCA2	BRCA1, BRCA2	Annually	779
21-Hydroxylase deficiency (congenital adrenal hyperplasia)	P450-C21	CYP21A2	Annually	773
Duchenne and Becker muscular dystrophy	Dystrophin	DMD	Annually	780
Fragile X syndrome	FRAXA	FMR1	Annually	781
Severe hearing impairment	Connexin 26	GJB2	Annually	782
Hereditary nonpolyposis colorectal cancer	HNPCC	MSH2, MLH1	Annually	783
Huntington's disease	Huntingtin	HTT	Annually	784
Prader-Willi and Angelman syndrome	Chr. 15q11-q13	ANCR	Annually	786
Spinal muscle atrophy	SMA	SMN1	Annually	787
Wilson's disease	ATPase	ATP7B	Annually	745
Y chromosome, microdeletions	Azoospermia factor	AZF	Annually	788

Allergy Diagnostic

Schellenberg / Zouboulis

720

Samples: 1 set of samples: 5 x samples of 1.0 or 0.5 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

4 samples for determination specific IgE against inhaled allergens, food allergens and insect poison allergens
 1 sample for determination of total IgE

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Engraftment- and Chimerism Diagnostics

Reibke / Dick / Spannagl

618

Samples: 5 samples
 Sample properties: Whole blood samples, donor, patient pre-and post-transplant per appointment
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Chimerism diagnostics after stem cell transplantation

Evaluation and diagnosis Receiver

Annual fee: 228 € – Only annual subscription possible!

EQA results can only be submitted online!

Successful participation in both EQAS rounds is necessary for the award of a certificate (10 samples per year).

Due to longer shipment times, labs using FISH-Analyses, cannot participate in this EQA.

	May (3)	Nov. (6)
Registration deadline:	25.02.22	25.02.22
Sample Shipment:	26.04.22	25.10.22
Closing Date:	13.05.22	11.11.22

Immunogenetics 01 – HLA-B27 Determination

Lachmann / Zaralioglu

440

Samples: 5 blood samples Sample properties: ACD whole blood samples, 2-3ml each Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					participation according to Rili-BÄK: biannually
Determination of HLA-B27 by molecular and/or serological means					
	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)	
Registration deadline:	19.11.21	28.01.22	20.05.22	09.09.22	
Sample Shipment:	17.01.22	28.03.22	18.07.22	07.11.22	
Closing Date:	11.02.22	22.04.22	12.08.22	02.12.22	

Immunogenetics 02 – Serology HLA Typing Class I and II

Lachmann / Zaralioglu

441

Samples: 5 samples Sample properties: Platelet-depleted ACD whole blood samples, approx. 8ml each Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					additional sample not available
Serological typing of HLA class I (HLA A, B) and/or HLA class II (HLA-DR, DQ)					
	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)	
Registration deadline:	19.11.21	28.01.22	20.05.22	09.09.22	
Sample Shipment:	17.01.22	28.03.22	18.07.22	07.11.22	
Closing Date:	11.02.22	22.04.22	12.08.22	02.12.22	

Immunogenetics 03 – DNA-Based Typing of HLA Class II

Lachmann / Zaralioglu

442

Samples: 5 samples Sample properties: ACD whole blood samples, approx. 5-7ml each Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					additional sample not available
Molecular typing of HLA class II in low and/or high resolution for the following HLA loci: DRB1, DRB3/4/5, DQA1, DQB1, DPA1 and DPB1. Molecular typing for HLA shared epitopes in diagnosing rheumatoid arthritis.					
	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)	
Registration deadline:	19.11.21	28.01.22	20.05.22	09.09.22	
Sample Shipment:	17.01.22	28.03.22	18.07.22	07.11.22	
Closing Date:	11.02.22	22.04.22	12.08.22	02.12.22	

<p>Samples: 1 serum set (20 Sera) and 2 cell suspensions! Sample properties: Human serum 100µl each and ACD whole blood 8ml each Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>	<p>additional sample not available</p>
<p>HLA crossmatching</p> <p>Important note: Beginning in 2022 EQAS scheme no. 443 will no longer depend on EQAS scheme no. 441. By ordering EQAS scheme no. 443 you will receive automatically two cells independent from scheme no. 441 to perform the crossmatch. You will also receive the sera for crossmatching with the same shipment. There will be no shipment of sera for scheme no. 443 in January.</p>	
<p>Apr. (3)</p> <p>Registration deadline: 21.01.22 Sample Shipment: 21.03.22 Closing Date: 22.04.22</p>	

<p>Samples: 5 samples Sample properties: Leukocyte suspension (buffy coat), 1-1,5ml each Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>	<p>additional sample not available</p>																			
<p>Molecular typing of HLA class I in low and/or high resolution for the following HLA loci: A, B and C. Molecular typing for HLA-B*57:01 for diagnosis of Abacavir hypersensitivity.</p>																				
<table border="0"> <thead> <tr> <th></th> <th>Feb. (1)</th> <th>Apr. (3)</th> <th>Aug. (4)</th> <th>Dec. (6)</th> </tr> </thead> <tbody> <tr> <td>Registration deadline:</td> <td>19.11.21</td> <td>28.01.22</td> <td>20.05.22</td> <td>09.09.22</td> </tr> <tr> <td>Sample Shipment:</td> <td>17.01.22</td> <td>28.03.22</td> <td>18.07.22</td> <td>07.11.22</td> </tr> <tr> <td>Closing Date:</td> <td>11.02.22</td> <td>22.04.22</td> <td>12.08.22</td> <td>02.12.22</td> </tr> </tbody> </table>			Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)	Registration deadline:	19.11.21	28.01.22	20.05.22	09.09.22	Sample Shipment:	17.01.22	28.03.22	18.07.22	07.11.22	Closing Date:	11.02.22	22.04.22	12.08.22
	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)																
Registration deadline:	19.11.21	28.01.22	20.05.22	09.09.22																
Sample Shipment:	17.01.22	28.03.22	18.07.22	07.11.22																
Closing Date:	11.02.22	22.04.22	12.08.22	02.12.22																

<p>Samples: 5 samples Sample properties: Human serum, 1ml each Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>	<p>Maximum order: 2 sets of samples</p>											
<p>HLA antibody determination: HLA antibody screening by complement-dependent cytotoxicity test (CDC) and/or with solid phase immunoassays, antibody specification by CDC and/or antibody specification by solid phase immunoassays (ELISA, Luminex), solid phase complement binding assays (C1q, C3d, C4d etc.)</p>												
<table border="0"> <thead> <tr> <th></th> <th>Feb. (1)</th> <th>Aug. (4)</th> </tr> </thead> <tbody> <tr> <td>Registration deadline:</td> <td>19.11.21</td> <td>20.05.22</td> </tr> <tr> <td>Sample Shipment:</td> <td>17.01.22</td> <td>18.07.22</td> </tr> <tr> <td>Closing Date:</td> <td>25.02.22</td> <td>26.08.22</td> </tr> </tbody> </table>			Feb. (1)	Aug. (4)	Registration deadline:	19.11.21	20.05.22	Sample Shipment:	17.01.22	18.07.22	Closing Date:	25.02.22
	Feb. (1)	Aug. (4)										
Registration deadline:	19.11.21	20.05.22										
Sample Shipment:	17.01.22	18.07.22										
Closing Date:	25.02.22	26.08.22										

Molecular Genetics 01 – Apolipoprotein E (E2, E3, E4)

Flörke / Kappert

734

Samples: 2 samples of 0.5 ml Sample properties: Human whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
Apo E (genotypes 2, 3, 4)		
	Apr. (2)	
Registration deadline:	14.01.22	22.07.22
Sample Shipment:	16.03.22	21.09.22
Closing Date:	15.04.22	21.10.22

Molecular Genetics 02 – Factor V-Leiden-Mutation

Flörke / Kappert

730

Samples: 2 samples of 0.5 ml Sample properties: Human whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
Factor V-Leiden		
	Apr. (2)	
Registration deadline:	14.01.22	22.07.22
Sample Shipment:	16.03.22	21.09.22
Closing Date:	15.04.22	21.10.22

Molecular Genetics 03 – HFE H63D, C282Y (optional: S65C)

Flörke / Kappert

733

Samples: 2 samples of 0.5 ml Sample properties: Human whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			additional sample not available participation according to Rili-BÄK: biannually
HFE: C 282 Y	HFE: H 63 D	HFE: S 65 C	
	Apr. (2)	Oct. (5)	
Registration deadline:	14.01.22	22.07.22	
Sample Shipment:	16.03.22	21.09.22	
Closing Date:	15.04.22	21.10.22	

Samples: 2 samples of 0,5 ml Sample properties: Human whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			additional sample not available participation according to Rili-BÄK: biannually
MTHFR (A 1298 C) MTHFR (C 677 T)			
	Apr. (2)	Oct. (5)	
Registration deadline:	14.01.22	22.07.22	
Sample Shipment:	16.03.22	21.09.22	
Closing Date:	15.04.22	21.10.22	

Samples: 2 samples of 0.5 ml Sample properties: Human whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			additional sample not available participation according to Rili-BÄK: biannually
Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G			
	Apr. (2)	Oct. (5)	
Registration deadline:	14.01.22	22.07.22	
Sample Shipment:	16.03.22	21.09.22	
Closing Date:	15.04.22	21.10.22	

Samples: 2 samples of 0.5 ml Sample properties: Human whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			additional sample not available participation according to Rili-BÄK: biannually
Prothrombin G20210A			
	Apr. (2)	Oct. (5)	
Registration deadline:	14.01.22	22.07.22	
Sample Shipment:	16.03.22	21.09.22	
Closing Date:	15.04.22	21.10.22	

Molecular Genetics 07 – Aldolase B (A149P, A174D, N334K)

Flörke / Kappert

793

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
Hereditary fructose intolerance:			
Aldolase B: A 149 P	Aldolase B: A 174 D	Aldolase B: N 334 K	
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Molecular Genetics 08 – Alpha1-antitrypsin (PiM, PiS, PiZ)

Flörke / Kappert

743

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually	
Enzyme inhibitors:			
Alpha-1 antitrypsin S-Locus	Alpha-1 antitrypsin Z-Locus		
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Molecular Genetics 09 – Antithrombin (AT3; SERPINC1)

Christensen / Kappert

792

Samples: 3 Samples of 50 µl Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5 Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
Antithrombin (AT3; SERPINC1) (3 exons as specified)			
	Feb. (1)	Nov. (6)	
Registration deadline:	19.11.21	12.08.22	
Sample Shipment:	12.01.22	12.10.22	
Closing Date:	11.02.22	11.11.22	

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually	
Lipoproteins: Apo E (genotypes 2, 3, 4)			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		additional sample not available participation according to Rili-BÄK: yearly	
M. Wilson: ATP 7 B: H 1069 Q			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				additional sample not available participation according to Rili-BÄK: biannually
Coagulation: Factor V-Leiden				
	Feb. (1)	June (3)	Nov. (6)	
Registration deadline:	19.11.21	04.03.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	12.10.22	
Closing Date:	11.02.22	03.06.22	11.11.22	

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				additional sample not available
Coagulation: Fibrinogen Receptor HPA: 1a, 1b				
	Feb. (1)	June (3)	Nov. (6)	
Registration deadline:	19.11.21	04.03.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	12.10.22	
Closing Date:	11.02.22	03.06.22	11.11.22	

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				additional sample not available participation according to Rili-BÄK: biannually
Haemochromatosis: HFE: C 282 Y HFE: H 63 D HFE: S 65 C				
	Feb. (1)	June (3)	Nov. (6)	
Registration deadline:	19.11.21	04.03.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	12.10.22	
Closing Date:	11.02.22	03.06.22	11.11.22	

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
Coagulation: Collagen receptor GP Ia/IIa (C 807 T)			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually	
Coagulation: MTHFR (A 1298 C) MTHFR (C 677 T)			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually	
Coagulation: Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Molecular Genetics 18 – Protein C

Christensen / Kappert

790

Samples: 3 Samples of 50 µl Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5 Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Protein C (3 exons as specified)		
	Feb. (1)	Nov. (6)
Registration deadline:	19.11.21	12.08.22
Sample Shipment:	12.01.22	12.10.22
Closing Date:	11.02.22	11.11.22

Molecular Genetics 19 – Protein S

Christensen / Kappert

791

Samples: 3 Samples of 50 µl Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5 Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Protein S (3 exons as specified)		
	Feb. (1)	Nov. (6)
Registration deadline:	19.11.21	12.08.22
Sample Shipment:	12.01.22	12.10.22
Closing Date:	11.02.22	11.11.22

Molecular Genetics 20 – Prothrombin G20210A

Flörke / Kappert

746

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually	
Coagulation: Prothrombin G20210A			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Molecular Genetics 21 – Ret Proto-Oncogene (Multiple endocrine neoplasia Type 2A – MEN2A)

Christensen / Kappert

738

Samples: 3 Samples of 50 µl Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5 Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Ret Proto-oncogene, exon 10-16		
	Feb. (1)	Nov. (6)
Registration deadline:	19.11.21	12.08.22
Sample Shipment:	12.01.22	12.10.22
Closing Date:	11.02.22	11.11.22

Molecular Genetics 22 – UDP-Glucuronyltransferase 1

Flörke / Kappert

742

Samples: 3 samples of 20 µl Sample properties: DNA (in 20 µl water) isolated from human leukocytes Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually	
Hyperbilirubinaemia: UDP-glucuronyl transferase (TA)6, (TA)7			
	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	19.11.21	04.03.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	12.10.22
Closing Date:	11.02.22	03.06.22	11.11.22

Molecular Genetics 23 – ANCR (Prader-Willi, Angelman)

Maly / Fried

786

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
SNRPN gene – diagnosis SNRPN gene – paternal allele		
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Mutations in alpha-globin gene (max. 4) Genotype alpha-globin gene (nomenclature haemoglobinopathies) Evaluation alpha-globin gene Mutations in beta globin gene (max. 4) Genotype beta-globin gene (nomenclature haemoglobinopathies) Evaluation beta-globin gene Report with findings from alpha- and beta- globin gene together		
	June (3)	Nov. (6)
Registration deadline:	04.03.22	12.08.22
Sample Shipment:	04.05.22	12.10.22
Closing Date:	03.06.22	11.11.22

Samples: 2 samples of 20 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
participation according to Rili-BÄK: biannually		
Apo B 100 (R 3500 Q)		
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
participation according to Rili-BÄK: yearly		
Y-Chromosome AZFa deletion	Y-Chromosome AZFb deletion	
Y-Chromosome AZFc deletion		
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
BRCA1 mutation type	BRCA2 mutation type	
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
CFTR Gen (1677 delTA) CFTR Gen (2184 delA) CFTR Gen (A455E) CFTR Gen (E 92 X) CFTR gene (1342-2 A>C) CFTR gene (2183A A>G) CFTR gene (2789+5 G>A) CFTR gene (3659 del C) CFTR gene (394 del TT) CFTR gene (G 542 X) CFTR gene (G 85 E) CFTR gene (I 336 K) CFTR gene (Intron 8 (Polypyrimidine Tract)) CFTR gene (N 1303 K) CFTR gene (R 117 H) CFTR gene (R 347 P) CFTR gene (W 1282 X) CFTR gene (dele2,3 (21kb))	CFTR Gen (2143 del T) CFTR Gen (3905insT) CFTR Gen (E 60 X) CFTR gene (1078 del T) CFTR gene (1717-1 G>A) CFTR gene (2184 ins A) CFTR gene (3272-26 A>G) CFTR gene (3849+10kb C>T) CFTR gene (621+1 G>T) CFTR gene (G 551 D) CFTR gene (I 148 T) CFTR gene (I 507 del) CFTR gene (M 1101 K) CFTR gene (R 1162 X) CFTR gene (R 334 W) CFTR gene (R 553 X) CFTR gene (Y 1092 X (C>A)) CFTR gene (delta F 508)	
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
Cyp21A2 gene (Del 8bp) Cyp21A2 gene (F306 +T) Cyp21A2 gene (I2 G) Cyp21A2 gene (P 453 S) Cyp21A2 gene (R 356 W)	Cyp21A2 gene (E6 Cluster) Cyp21A2 gene (I 172 N) Cyp21A2 gene (P 30 L) Cyp21A2 gene (Q 318 X) Cyp21A2 gene (V 281 L)	
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 30 – CYP2C9 CYP2C19 VKORC1 TPMT

Maly / Fried

775

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
CYP2C19*2 Allele: G 681 A CYP2C9*2 Allele: C 430 T TPMT (nt. A 719 G) TPMT*2 Allele (nt. G 238 C) VKORC1: G -1639 A	CYP2C19*3 Allele: G 636 A CYP2C9*3 Allele: A 1075 C TPMT (nt. G 460 A) VKORC1: C 1173 T	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 31 – CYP2D6 DPD IL28B

Maly / Fried

777

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
CYP2D6 Gene Duplication CYP2D6*4: G 1934 A CYP2D6*6: T1795 del IL-28B C/T: rs 12979860	CYP2D6*3: A2637 del CYP2D6*5: complete Deletion DPD (exon 14 skipping)	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 32 – Dystrophin (Becker-Duchenne)

Maly / Fried

780

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
Dystrophin – mutation	Dystrophin – mutation type	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 33 – FMR1 Fragile X

Maly / Fried

781

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
Allele 1 FMR1 CGG repeats in 5' UTR Evaluation	Allele 2 FMR1 CGG repeats in 5' UTR	
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 34 – GJB2 Connexin 26

Maly / Fried

782

Samples: 2 samples of 20 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
GJB2 35del G (Connexin 26)		
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 35 – HLA-DQ

Maly / Fried

772

Samples: 2 samples of 20 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
HLA DQA1*05	HLA DQB1*02	HLA DQB1*03:02
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
HTT Gen – CAG repeats	HTT Gen – evaluation	
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
K-ras Codon 12 mutation K-ras Codon 12/13 mutation K-ras Codon 13 mutation type K-ras Codon 61 mutation type	K-ras Codon 12 mutation type K-ras Codon 13 mutation K-ras Codon 61 mutation	
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 38 – Lactase-gene (LCT)

Maly / Fried

770

Samples: 2 samples of 20 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
Lactase-Gene (LCT) (T -13910 C)		
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 39 – MSH2 MLH1 (HNPCC)

Maly / Fried

783

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
MLH1 mutation type	MSH2 mutation type	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 40 – NOD2

Maly / Fried

774

Samples: 2 samples of 20 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
NOD2 (G 908 R)	NOD2 (L 1007fs InsC)	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 41 – SMN1 (Spinal Muscular Atrophy)

Maly / Fried

787

Samples: 2 samples of 40 µl Sample properties: DNA in Tris-EDTA Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
SMN1 Gen – exon 7 deletion	SMN1 Gen – exon 8 deletion	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 42 – AML-Panel (NGS)

Kreuzer / Lorsy

798

Samples: 1 sample Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
ASXL1 Exon 13 Mutation(s) CEBPA Nomenclature IDH1 Exon 4 Mutation(s) IDH2 Nomenclature RUNX1 (CDS) Mutation(s) TP53 Nomenclature	ASXL1 Nomenclature FLT3 (TKD) Mutation(s) IDH1 Nomenclature NPM1 Exon 11 Mutation(s) RUNX1 Nomenclature	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 43 – BRAF

Kreuzer / Lorsy

795

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
BRAF p.V600	BRAF Nomenclature	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
BTK p.C481	BTK Nomenclature	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
KIT p.D816	KIT Nomenclature	
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
MYD88 p.L265P		
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 47 – Myeloproliferative Neoplasia

Kreuzer / Lorsy

768

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
CALR Exon 9 Mutation(s) JAK2 p.V617F MPL Nomenclature		CALR Nomenclature MPL p.W515
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 48 – SF3B1

Kreuzer / Lorsy

797

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
SF3B1 Exon 14-15 Mutation(s)		SF3B1 Nomenclature
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Molecular Genetics 49 – STAT3

Kreuzer / Lorsy

769

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
STAT3 Exon 21 Mutation(s)		STAT3 Nomenclature
	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Samples: 2 samples
Sample properties: DNA
Shipping Information: Shipping at ambient temperature
Certificate Validity: 12 months

TP53 Mutation(s)

TP53 Nomenclature

	Apr. (2)	Nov. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Haematology 01 – Blood Cell Count

Dorn-Beineke / Nebe

211

Samples: 2 samples of 2 ml Sample properties: Stabilized control blood Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
Analysis of Haemoglobin with HemoCue systems is possible!							
Erythrocytes Haemoglobin Thrombocytes	Haematocrit centrif. Leucocytes	Haematocrit el.count MCV					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Haematology 03 – Blood Cell Count – QBC System

Dorn-Beineke / Nebe

209

Samples: 2 samples Sample properties: Control blood Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months					participation according to Rili-BÄK: quarterly
Haematocrit centrif. Thrombocytes	Haemoglobin	Leucocytes			
	Mar. (2)	May (3)	July (4)	Oct. (6)	
Registration deadline:	07.01.22	04.03.22	29.04.22	12.08.22	
Sample Shipment:	02.03.22	04.05.22	29.06.22	12.10.22	
Closing Date:	11.03.22	13.05.22	08.07.22	21.10.22	

Haematology 04 – Reticulocyte Analysis 02 (Machine-Based Analysis)

Gutensohn / Nebe

216

Samples: 2 samples Sample properties: Whole blood Shipping Information: Cooled shipping Certificate Validity: 12 months				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	11.03.22	08.07.22	12.08.22
Sample Shipment:	18.01.22	17.05.22	06.09.22	11.10.22
Closing Date:	28.01.22	27.05.22	16.09.22	21.10.22

Samples: 2 blood smears
 Sample properties: Slides
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

	Jan. (1)	July (4)
Registration deadline:	19.11.21	06.05.22
Sample Shipment:	18.01.22	05.07.22
Closing Date:	28.01.22	15.07.22

Haematology 06 – Differential Blood Count (Machine-Based Analysis)

Samples: 2 samples
 Sample properties: Fresh whole blood from blood bank, overnight shipping
 Shipping Information: Cooled shipping
 Certificate Validity: 6 months / 12 months

participation according to Rili-BÄK: quarterly

Basophilic Granulocytes Haematocrit centrif.	Eosinophilic Granulocytes Haematocrit el.count	Erythrocytes Haemoglobin
Leucocytes	Lymphocytes	MCV
Monocytes	Neutrophilic Granulocytes	Thrombocytes

Due to high demand, two different sets of samples will be sent (Gr. 612 = Gr. 912). The group number you receive will be set by INSTAND e.V. before each EQAS shipment. Both groups are equivalent.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	11.03.22	08.07.22	12.08.22
Sample Shipment:	18.01.22	17.05.22	06.09.22	11.10.22
Closing Date:	28.01.22	27.05.22	16.09.22	21.10.22

Haematology 07 – Blood Smear Analysis

Samples: 2 peripheral blood smears
 Sample properties: Slides
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months / 12 months

participation according to Rili-BÄK: quarterly

Blood Cell Differentiation in % Morphology of erythrocytes, leucocytes and platelets	Diagnostic comment
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	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples Sample properties: Sample I and II: bone marrow or blood smears and leukaemia or lymphoma cells Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Immunophenotyping of leukemias/lymphomas Immunophenotyping of Haematologic Neoplasms		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	08.07.22
Sample Shipment:	01.03.22	06.09.22
Closing Date:	11.03.22	16.09.22

Samples: 2 samples Sample properties: EDTA blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
GPI-deficient cells Due to high demand 3 different sets of samples will be sent (No. 616 = No. 916 or No. 917). The group number you receive will be set by INSTAND e.V. before each EQAS shipment. All groups are equivalent!		
	May (3)	Oct. (6)
Registration deadline:	04.03.22	29.07.22
Sample Shipment:	03.05.22	27.09.22
Closing Date:	20.05.22	14.10.22

Samples: 2 samples Sample properties: Cellular products Shipping Information: Cooled shipping Certificate Validity: 12 months		
For flow cytometric determination of T, B and NK cells in cellular products only		
	May (3)	Oct. (6)
Registration deadline:	11.03.22	12.08.22
Sample Shipment:	17.05.22	11.10.22
Closing Date:	27.05.22	21.10.22

Samples: 2 samples Sample properties: Whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Haemoglobin analysis with evaluation and diagnosis		
	June (3)	Nov. (6)
Registration deadline:	11.03.22	05.08.22
Sample Shipment:	11.05.22	05.10.22
Closing Date:	27.05.22	21.10.22

Samples: 2 samples Sample properties: Lyophilised erythrocytes preparation Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Haemoglobin (free)				
The samples are not suitable for methods based on photometric measurements of the oxyhaemoglobin peaks around 540 nm and/or 577 nm. The Harboe method (415 nm peak) is not affected. The quantitative haemolysis index from automated chemistry analysers can also provide a suitable result.				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Autoimmune Diseases

Autoimmune Diseases 01 – Connective Tissue Diseases (ANA)

Blüthner / Seelig

251

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months / 12 months		participation according to Rili-BÄK: biannually
Antibodies against cell nuclei (antinuclear antibodies)		
Autoantibodies against dsDNA Collagenosis Screening	Autoantibodies against nuclei (ANA) anti-DFS70 / LEDGF	
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	24.06.22
Sample Shipment:	02.03.22	24.08.22
Closing Date:	18.03.22	09.09.22

Autoimmune Diseases 02 – Hepatic Syndromes

Blüthner / Seelig

253

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
anti-Actin anti-Mitochondria	anti-H+/K+-ATPase anti-Parietal cells		anti-Microsomes (LKM 1) anti-smooth muscle
	Mar. (2)		Sep. (5)
Registration deadline:	07.01.22	24.06.22	
Sample Shipment:	02.03.22	24.08.22	
Closing Date:	18.03.22	09.09.22	

Autoimmune Diseases 03 – Connective Tissue Diseases (ENA)

Blüthner / Seelig

255

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
Antibodies against ENA		
anti-Jo 1 (Histidyl-tRNA-Synthetase) anti-SS-A / Ro anti-SS-A / Ro (60 kD – proteins) anti-Sm anti-Topoisomerase-1 (Scl 70)	anti-PM / Scl anti-SS-A / Ro (52 kD – proteins) anti-SS-B / La anti-SmD anti-U1-snRNP	
		Sep. (5)
Registration deadline:		24.06.22
Sample Shipment:		24.08.22
Closing Date:		09.09.22

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months / 12 months		participation according to Rili-BÄK: biannually
Antibodies against neutrophilic granulocytes (ANCA) anti-MPO anti-glomerular basement membrane (GBM) p-ANCA		
anti-PR3 c-ANCA		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	24.06.22
Sample Shipment:	02.03.22	24.08.22
Closing Date:	18.03.22	09.09.22

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months			
anti- Desmosomes anti-Desmoglein 1 anti-Hemidesmosomes	anti-BPAG 180 anti-Desmoglein 3		anti-BPAG 230 anti-Desmoplakin I / II
Mar. (2)			
Registration deadline:	07.01.22		
Sample Shipment:	02.03.22		
Closing Date:	18.03.22		

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
anti-Glutamic Acid Decarboxylase (GAD) anti-Islet cells (ICA) anti-Tyrosine Phosphatase (IA2)	anti-Insulin (IAA) anti-Islet cells – JDFU anti-Zinc Transporter 8 (ZnT8A)	
Sep. (5)		
Registration deadline:	24.06.22	
Sample Shipment:	24.08.22	
Closing Date:	09.09.22	

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
anti-P450 C17 – Hydroxylase anti-P450 ssc – Hydroxylase	anti-P450 C21 – Hydroxylase anti-adrenal cortex	
	Sep. (5)	
Registration deadline:	24.06.22	
Sample Shipment:	24.08.22	
Closing Date:	09.09.22	

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
anti – Glia Cell Nuclear Antibody (AGNA) anti-HuD anti-Purkinje cells anti-SOX1 anti-Yo (CDR62)	anti-Amphiphysin 1 anti-Neuronal nuclei anti-Ri / Nova 1 anti-Ta (Ma 2)	
	Mar. (2)	
Registration deadline:	07.01.22	
Sample Shipment:	02.03.22	
Closing Date:	18.03.22	

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
anti-Asialoganglioside (AGA1) anti-Disialoganglioside (GD1b) anti-Monosialoganglioside (GM2) anti-Myelin-associated Glycoprotein (MAG) anti-Trisialoganglioside (GT1b)	anti-Disialoganglioside (GD1a) anti-Monosialoganglioside (GM1) anti-Monosialoganglioside (GM3) anti-Quadrosialoganglioside (GQ1b)	
	Mar. (2)	
Registration deadline:	07.01.22	
Sample Shipment:	02.03.22	
Closing Date:	18.03.22	

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	
anti-Acetylcholin receptors anti-Titin	anti-Musclespecific Receptor Tyrosinkinase (MuSK) anti-skeletal muscle
Mar. (2)	
Registration deadline: Sample Shipment: Closing Date:	07.01.22 02.03.22 18.03.22

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months / 12 months		participation according to Rili-BÄK: biannually
anti-Endomysium IgA anti-Transglutaminase IgA	anti-Gliadin IgA anti-deamidated Gliadin IgA	
	Mar. (2)	Sep. (5)
Registration deadline: Sample Shipment: Closing Date:	07.01.22 02.03.22 18.03.22	24.06.22 24.08.22 09.09.22

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		participation according to Rili-BÄK: quarterly
Rheumatoid Factor, Rheumatoid Factor (isotypes) anti-MCV (mutated citrullinated Vimentin)	anti-CCP (cyclic citrulline peptide)	
Additional terms see EQA No. 323!		
	Mar. (2)	Sep. (5)
Registration deadline: Sample Shipment: Closing Date:	07.01.22 02.03.22 18.03.22	24.06.22 24.08.22 09.09.22

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
anti-Cardiolipin (IgA) anti-β2-Glycoprotein (IgA)	anti-Cardiolipin (IgG) anti-β2-Glycoprotein (IgG)	anti-Cardiolipin (IgM) anti-β2-Glycoprotein (IgM)
		Sep. (5)
Registration deadline:		24.06.22
Sample Shipment:		24.08.22
Closing Date:		09.09.22

Basophil Activation Test

Samples: 2 samples of 2.6 ml Sample properties: EDTA whole blood, not stabilized, overnight shipping Shipping Information: Cooled shipping Certificate Validity: 12 months		
Basophil activation by allergens		
	May (3)	Oct. (6)
Registration deadline:	11.03.22	26.08.22
Sample Shipment:	11.05.22	26.10.22
Closing Date:	20.05.22	04.11.22

IgG Subclasses

Schellenberg / Falck

244

Samples: 2 samples of 1 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
IgG1	IgG2	IgG3	IgG4
		May (3)	Oct. (6)
Registration deadline:		04.03.22	12.08.22
Sample Shipment:		04.05.22	12.10.22
Closing Date:		20.05.22	28.10.22

Immunophenotyping 04 – Cellular Immunodeficiency Diagnostic

Sack / Boldt

651

Samples: 2 samples Sample properties: EDTA whole blood, not stabilized Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
T, NK and B cell subpopulations including naive, memory, effector, activated, TH1/2 and Treg cells		
	May (3)	Oct. (6)
Registration deadline:	11.03.22	26.08.22
Sample Shipment:	11.05.22	26.10.22
Closing Date:	20.05.22	04.11.22

Interferon Gamma Release Assay (IGRA)

Sack / Boldt

650

Samples: 2 samples Sample properties: Heparin whole blood, not stabilized Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Interferon Gamma Release Assay (IGRA) Due to high demand two different sets of samples will be sent (Gr. 650 = Gr. 950). Please note: The EQAS is designed for participants who use a TB Elispot (e.g. T-SPOT®.TB) or a test with prestimulation in a tube (e.g. QuantiFeron®-TB Gold Plus).		
	May (3)	Oct. (6)
Registration deadline:	11.03.22	26.08.22
Sample Shipment:	11.05.22	26.10.22
Closing Date:	20.05.22	04.11.22

Immunohaematology 01

Wagner / Geisen

231

Samples: 2 sets of samples: 1 set = 1 x 5 ml / 1 x 5 ml erythrocytes suspension Sample properties: Serum / erythrocytes suspension Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months					participation according to Rili-BÄK: quarterly
A B 0 – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening	A – Subtyping Direct Antiglobulin Test			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Immunohaematology 02 (incl. Antibody Identification)

Wagner / Geisen

232

Samples: 2 sets of samples: 1 set = 2 x 5 ml / 1 x 5 ml erythrocytes suspension Sample properties: Serum / erythrocytes suspension Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months					participation according to Rili-BÄK: quarterly
A B 0 – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification	A – Subtyping Direct Antiglobulin Test AB quantitation			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Immunohaematology 03 – Platelet Immunology

Sachs / Bux

233

Samples: 3 samples serum or plasma, 2 samples of DNA, 2 samples of platelet suspension Sample properties: Serum or plasma + DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					additional sample not available
Platelet antibodies	Platelet antigens				
This EQA scheme is intended for laboratories which are able to detect platelet alloantibodies and antigens. The EQA scheme No. 235 Immunohaematology 06 – Molecular Diagnostic was designed for laboratories which only want to carry out platelet antigen genotyping.					
	Apr. (2)	Sep. (5)			
Registration deadline:	07.01.22	24.06.22			
Sample Shipment:	02.03.22	24.08.22			
Closing Date:	01.04.22	23.09.22			

Samples: 3 samples of plasma, 2 samples of DNA Sample properties: Plasma + DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
HNA/granulocyte antibodies HNA/granulocyte (neutrophil) antigens This EQA scheme includes all HNA specifications. It is dedicated to laboratories which are able to detect granulocyte alloantibodies and antigens. The EQA scheme No. 235 Immunohaematology 06 – Molecular Diagnostic was designed for laboratories which only want to perform HNA genotyping. Because of the complicated preparation of the samples, INSTAND e.V. reserves the right to no longer supply laboratories with proficiency test samples, which have repeatedly not sent back any results.		
	Apr. (2)	
Registration deadline:	07.01.22	24.06.22
Sample Shipment:	02.03.22	24.08.22
Closing Date:	01.04.22	23.09.22

Immunohaematology 05 – Machine-Based Analysis

Samples: 2 samples Sample properties: Anticoagulated whole blood (haematocrit 30%) Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		participation according to Rili-BÄK: quarterly		
A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification		A – Subtyping Direct Antiglobulin Test	
	Jan. (1)		May (3)	July (4)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Immunohaematology 06 – Molecular Diagnostic

Samples: 4 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Red cells: ABO, MNS, RHD, RHD-Deletion, RHCE, LU, KEL, FY, JK, DI, YT, DO, CO, LW, KN, VEL Platelets: HPA-1, 2, 3, 4, 5, 6, 9, 15 Granulocytes: HNA-1a, -1b, -1c; HNA-3, HNA-4, HNA-5 A list of the alleles necessary for successful participation can be found at: https://www.instand-ev.de/mandatory-alleles		
	May (3)	
Registration deadline:	04.03.22	05.08.22
Sample Shipment:	04.05.22	05.10.22
Closing Date:	20.05.22	21.10.22

Samples: 2 samples of blood, 2 samples of plasma Sample properties: Anticoagulated whole blood (haematocrit 30%) / plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months					participation according to Rili-BÄK: quarterly
A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification	A – Subtyping Direct Antiglobulin Test AB quantitation			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Complement Analysis 01 – Auto-anti-C1q

Prohaszka / Kirschfink

245

Samples: 2 samples of 100 µl Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Auto-anti C1q (IgG)	Auto-anti C1q (IgG) (qualitative)	
	Apr. (2)	
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	01.04.22	11.11.22

Complement Analysis 02 – Functions and proteins

Prohaszka / Kirschfink

246

Samples: 2 samples of 1 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		Maximum order: 3 sets of samples	
Alternative pathway C1q C3 Factor H	C1 inhibitor: activity C4 Factor I		C1 inhibitor: proteine Classical pathway Lectin pathway
Analysis of the total function of the 3 complement activation pathways (classical, alternative and lectin pathways) either by functional ELISA (WIELISA), by haemolytic (CH50, AH50) or by liposome-based assay (CH50). Participation with one parameter (e.g. CH50) is possible.			
	Apr. (2)	Nov. (6)	
Registration deadline:	07.01.22	12.08.22	
Sample Shipment:	02.03.22	12.10.22	
Closing Date:	01.04.22	11.11.22	

Complement Analysis 03 – Complement activation products

Prohaszka / Kirschfink

247

Samples: 2 samples of 500 µl Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		Maximum order: 3 sets of samples
C3a, C3d, Bb, sC5b-9		
Participation with one parameter (e.g. sC5b-9) possible		
	Nov. (6)	
Registration deadline:	12.08.22	
Sample Shipment:	12.10.22	
Closing Date:	11.11.22	

Samples: 2 samples of 150 µl Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	additional sample not available
C3-nephritic factor (qualitative)	
	Nov. (6)
Registration deadline:	12.08.22
Sample Shipment:	12.10.22
Closing Date:	11.11.22

Samples: 2 samples of 300 µl Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	additional sample not available
Auto-anti-FH-(qualitative)	Auto-anti-FH (quantitative)
	Nov. (6)
Registration deadline:	12.08.22
Sample Shipment:	12.10.22
Closing Date:	11.11.22

Samples: 2 samples of 100 µl Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	additional sample not available
Auto-anti-C1 inhibitor IgA (qualitative) Auto-anti-C1 inhibitor IgM (qualitative)	Auto-anti-C1 inhibitor IgG (qualitative)
	Nov. (6)
Registration deadline:	12.08.22
Sample Shipment:	12.10.22
Closing Date:	11.11.22

ACE (Angiotensin-Converting-Enzyme)

Durner / N.N.

630

Samples: 2 samples of 0.5 ml Sample properties: Serum, liquid, stabilized Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available			
ACE					
	Mar. (2)	May (3)	July (4)		Oct. (6)
Registration deadline:	07.01.22	04.03.22	29.04.22		12.08.22
Sample Shipment:	02.03.22	04.05.22	29.06.22		12.10.22
Closing Date:	18.03.22	20.05.22	15.07.22		28.10.22

Amino Acid Analysis

N.N. / Schadewaldt

710

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					
4-Hydroxyproline (free)	Alanine	Arginine			
Argininosuccinic acid	Asparagine	Aspartic acid			
Citrulline	Cystathionine	Cysteine-Homocysteine-disulfide			
Cystine	Glutamic acid	Glutamine			
Glycine	Histidine	Isoleucine			
Leucine	Lysine	Methionine			
Ornithine	Phenylalanine	Phosphoethanolamine			
Proline	Sarcosine	Serine			
Taurine	Threonine	Tryptophan			
Tyrosine	Valine	allo-Isoleucine			
alpha-Aminoadipic acid	b-Alanine	proposed diagnosis			
		May (3)			Oct. (6)
Registration deadline:		04.03.22			12.08.22
Sample Shipment:		04.05.22			12.10.22
Closing Date:		20.05.22			28.10.22

Ammonia

Falck / Nauck

118

Samples: 2 samples of 1 ml Sample properties: Liquid controls Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months						
Ammonia						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Samples: 2 samples Sample properties: Plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
3-Methoxytyramine Norepinephrine	Dopamine Normetanephrine	Epinephrine Serotonin	Metanephrines
	Mar. (2)		Sep. (5)
Registration deadline:	07.01.22		24.06.22
Sample Shipment:	02.03.22		24.08.22
Closing Date:	18.03.22		09.09.22

Samples: 2 samples Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Asialotransferrin Disialotransferrin	Carbohydrate-deficient transferrin+Asialotransferrin			
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:	02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:	18.03.22	20.05.22	09.09.22	28.10.22

Myocardial Markers

Baum / Peetz

760

Samples: 2 samples of 2 ml Sample properties: Lyophilised serum / plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months						participation according to Rili- BÄK: quarterly
CK-MB (activity) Myoglobin Troponin I Troponin T (qualitative)	CK-MB (mass) Myoglobin (qualitative) Troponin I (qualitative)	CK-MB (qualitative) NT-pro BNP Troponin T				
Please note that this EQA scheme is not suitable for methods that require whole blood.						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Myocardial Markers BNP

Baum / Peetz

761

Samples: 2 samples Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
BNP				
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Ethanol

Schellenberg / Falck

700

Samples: 2 samples of 2 ml
 Sample properties: Serum or plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months

participation according to Rili-
 BÄK: quarterly

Ethanol

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Serum Proteins / Electrophoresis

Niederau / Schellenberg

141

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months / 12 months

participation according to Rili-
 BÄK: quarterly

Albumin	Albumin (electrophoresis)	Protein
a1-Globulins	a2-Globulins	beta-Globulins
gamma-Globulins		

**Participants using the method capillary zone electrophoresis please order programm 102 –
 Capillary Zone Electrophoresis**

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Fecal Diagnostics 01

Durner / Spannagl

130

Samples: 2 samples of 0.5-1 ml Sample properties: Lyophilised stool Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available		
Calprotectin Fecal elastase (qualitative)	Calprotectin (qualitative)	Fecal elastase		
	Mar. (2)	July (4)	Oct. (6)	
Registration deadline:	07.01.22	29.04.22	12.08.22	
Sample Shipment:	02.03.22	29.06.22	12.10.22	
Closing Date:	18.03.22	15.07.22	28.10.22	

Fecal Diagnostics 02

Durner / Spannagl

131

Samples: 2 samples of 0.5-1 ml Sample properties: Lyophilised stool Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available		
Haemoglobin Hemoglobin-Haptoglobin-complex	Haemoglobin (qualitative)	Hemoglobin-Haptoglobin-complex (qualitative)		
	Mar. (2)		Oct. (6)	
Registration deadline:	07.01.22		12.08.22	
Sample Shipment:	02.03.22		12.10.22	
Closing Date:	18.03.22		28.10.22	

Fructosamine

Niederau / Kaiser

146

Samples: 2 samples
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Fructosamine

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Gammopathies

Peetz / Niederau

243

Samples: 2 samples of 1 ml
 Sample properties: Plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Free light chains type kappa (quantitative) Gammopathies IgG kappa/lambda (ratio)	Free light chains type lambda (quantitative) IgA IgM
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	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Glucose – Conventional Analysis

Niederau / Falck

111

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months

participation according to Rili-
 BÄK: quarterly

Glucose

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Haemostasis 01 – PT, INR, aPTT

Spannagl / Dick

221

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months							Maximum order: 2 sets of samples participation according to Rili-BÄK: quarterly
Global test I: Prothrombintime (PTZ, Quick) Prothrombintime (PT, INR) aPTT							
This group is only suitable for measuring in plasma samples. For measurements of whole blood in POCT systems, please order group no. 286!							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Haemostasis 02 – FIB, TZ, FSP

Spannagl / Dick

222

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months							Maximum order: 2 sets of samples
Global test II: TZ FIB FSP screening							
FSP screening, using batroxobin time or heparin-independent thrombin time							
	Jan. (1)		May (3)		Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21		04.03.22		24.06.22	12.08.22	
Sample Shipment:	12.01.22		04.05.22		24.08.22	12.10.22	
Closing Date:	28.01.22		20.05.22		09.09.22	28.10.22	

Haemostasis 03 – Factor II, V, VII,X

Spannagl / Dick

223

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months							Maximum order: 2 sets of samples
Single factors A (via PT): Factor II Factor V Factor VII Factor X							
	Jan. (1)		May (3)		Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21		04.03.22		24.06.22	12.08.22	
Sample Shipment:	12.01.22		04.05.22		24.08.22	12.10.22	
Closing Date:	28.01.22		20.05.22		09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Single factors B (via APTT, etc.): Factor IX Factor XI Factor XII Factor XIII					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Inhibitors (AT, PC, PS)					
Antithrombin Free Protein S funct. (act.)	C1-Inhibitor Protein S total	Free Protein S immun. (conc.) Total Protein C			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 0.5 ml or 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
D-Dimer (qualitative) D-Dimer (quantitative)					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Factor VIII akt. Willebrand fact. RiCof	Willebrand fact. Ag Willebrand fact. activity	Willebrand fact. CBA			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Argatroban	Thrombin Time	aPTT			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Thrombin Time	UF Heparin	aPTT			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
LMW Heparin					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Organan					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Extrinsic: A20 [mm]	Extrinsic: CT[s] r[min]	Extrinsic: MCF [mm]			
Intrinsic: A20 [mm]	Intrinsic: CT[s] r[min]	Intrinsic: MCF [mm]			
MCF					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		Maximum order: 2 sets of samples participation according to Rili-BÄK: quarterly			
Antithrombin Prothrombintime (PT, INR) aPTT	D-Dimer (quantitative) Prothrombintime (PT, Quick)	Fibrinogen Thrombin Time			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples Sample properties: Whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		Maximum order: 2 sets of samples participation according to Rili-BÄK: quarterly			
Due to different detection techniques that are applied, not every sample material can be guaranteed to be suitable for every POCT machine. The machines microINR by Axon Lab as well as Xprecia Stride by Siemens are not suitable for this EQAS!					
ACT Prothrombintime (PT, Quick)	Prothrombintime (PT, INR) aPTT				
	Jan. (1)	May (3)	Sep. (5)	Nov. (6)	
Registration deadline:	19.11.21	11.03.22	08.07.22	26.08.22	
Sample Shipment:	18.01.22	17.05.22	06.09.22	25.10.22	
Closing Date:	20.01.22	19.05.22	08.09.22	27.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					
Functional APC resistance					
APC resistance	Diagnostic comments				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		Maximum order: 2 sets of samples
Fondaparinux		
	May (3)	Oct. (6)
Registration deadline:	04.03.22	12.08.22
Sample Shipment:	04.05.22	12.10.22
Closing Date:	20.05.22	28.10.22

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		Maximum order: 2 sets of samples
Dabigatran		
	May (3)	Oct. (6)
Registration deadline:	04.03.22	12.08.22
Sample Shipment:	04.05.22	12.10.22
Closing Date:	20.05.22	28.10.22

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		Maximum order: 2 sets of samples
Rivaroxaban		
	May (3)	Oct. (6)
Registration deadline:	04.03.22	12.08.22
Sample Shipment:	04.05.22	12.10.22
Closing Date:	20.05.22	28.10.22

Haemostasis 25 – Apixaban

Peetz / Spannagl / Dick

504

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		Maximum order: 2 sets of samples
Apixaban		
	May (3)	
Registration deadline:	04.03.22	12.08.22
Sample Shipment:	04.05.22	12.10.22
Closing Date:	20.05.22	28.10.22

Haemostasis 28 – Bleeding Disorder Case Study

Spannagl / Dick

512

Samples: - Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
In cooperation with ECAT, Voorschoten, Netherlands.		
Only available in German! International version available at www.ecat.nl		

Haemostasis 29 – DNA for EQAS 512 (optional)

Spannagl / Dick

513

Samples: 2 samples Sample properties: DNA Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
In cooperation with ECAT, Voorschoten, Netherlands.		
Only available in German! International version available at www.ecat.nl		

Haemostasis 31 – ROTEM Sigma

Spannagl / Dick

509

Samples: 2 x 3 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Extrinsic: A20 [mm]	Extrinsic: CT[s] r[min]	Extrinsic: MCF [mm]			
Intrinsic: A20 [mm]	Intrinsic: CT[s] r[min]	Intrinsic: MCF [mm]			
Participation only for device Rotem Sigma!					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Haemostasis 32 – Edoxaban

Peetz / Spannagl / Dick

505

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Edoxaban					
	May (3)	Oct. (6)			
Registration deadline:		04.03.22	12.08.22		
Sample Shipment:		04.05.22	12.10.22		
Closing Date:		20.05.22	28.10.22		

Haemostasis 33 – Emicizumab

Spannagl / Dick

506

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					Maximum order: 2 sets of samples
Emicizumab					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

HbA1c

Kaiser / Kramer

145

Samples: 2 samples of 0.3 ml
 Sample properties: EDTA whole blood, not stabilized
 Shipping Information: Cooled shipping
 Certificate Validity: 6 months

participation according to Rili-
 BÄK: quarterly

HbA1c

The samples must be measured within 2 days of receipt!

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	21.01.22	11.03.22	06.05.22	15.07.22	26.08.22
Sample Shipment:	18.01.22	22.03.22	17.05.22	05.07.22	13.09.22	25.10.22
Closing Date:	21.01.22	25.03.22	20.05.22	08.07.22	16.09.22	28.10.22

Urinary Stone Analyses

Neubeck / Reuner

500

Samples: 2 samples
 Sample properties: Pulverized material
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

	May (3)	Oct. (6)
Registration deadline:	04.03.22	12.08.22
Sample Shipment:	04.05.22	12.10.22
Closing Date:	20.05.22	28.10.22

Adrenal Gland / Pituitary

Luppa / Schneider

298

Samples: 2 samples of 3 or 5 ml
 Sample properties: Lyophilised serum / plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

1-39 ACTH
 HGH Prolactin (3. IS)

DHEA

DHEA-S

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:	02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:	18.03.22	20.05.22	09.09.22	28.10.22

Aldosterone

Luppa / Schneider

304

Samples: 2 samples
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Aldosterone

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Calcium Metabolism / Special Thyroid

Durner / Luppa

301

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

1-84 PTH

Calcitonin

Thyreoglobulin

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum / plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months / 12 months

participation according to Rili-BÄK: quarterly

FSH	LH	anti-Mullerian hormone			
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:		02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:		18.03.22	20.05.22	09.09.22	28.10.22

Gravidity – 1st Trimester Screening

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months / 12 months

participation according to Rili-BÄK: quarterly

Free beta-chain hCG	PAPP-A				
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:		02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:		18.03.22	20.05.22	09.09.22	28.10.22

Gravidity – 2nd Trimester Screening

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months

participation according to Rili-BÄK: quarterly

AFP	hCG intact	hCG intact +beta-hCG free			
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:		02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:		18.03.22	20.05.22	09.09.22	28.10.22

Hematopoietic Growth Factors

Wenzel / Geisen

626

Samples: 2 samples of 1 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
Erythropoietin	Thrombopoietin		
		May (3)	Oct. (6)
Registration deadline:		04.03.22	12.08.22
Sample Shipment:		04.05.22	12.10.22
Closing Date:		20.05.22	28.10.22

Pancreas / Gastrointestinal Tract

Durner / Luppá

300

Samples: 2 samples of 3 ml Sample properties: Lyophilised serum / plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
C-Peptide Insulin	Gastrin Pro-insuline	Glucagon		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Preeclampsia Marker

Luppá / Schneider

625

Samples: 2 samples of 1 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
PLGF (placental growth factor)	sFLT-1 (soluble fms-like tyrosine kinase-1)		
		May (3)	Oct. (6)
Registration deadline:		04.03.22	12.08.22
Sample Shipment:		04.05.22	12.10.22
Closing Date:		20.05.22	28.10.22

Samples: 2 samples of 5 ml Sample properties: Serum, liquid Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
17-beta-Estradiol T3 total (triiodothyronine) Testosterone	Cortisol T4 total (thyroxine) free T3 (f-triiodothyronine)	Progesterone TSH free T4					
	Jan. (1) Mar. (2) May (3) July (4) Sep. (5) Oct. (6)						
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Thyroid Gland Antibodies

Samples: 2 samples of 1 ml Sample properties: Lyophilised serum / plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
TRAK/THYBIA anti-tyreoglobulin	anti-TPO	anti-mikrosomen		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Thyroid Hormones

Samples: 2 samples of 5 ml Sample properties: Serum, liquid Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
T3 total (triiodothyronine) free T3 (f-triiodothyronine)	T4 total (thyroxine) free T4	TSH					
	Jan. (1) Mar. (2) May (3) July (4) Sep. (5) Oct. (6)						
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Virilization

Samples: 2 samples Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
17-Hydroxyprogesterone	Androstendion			
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:	02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:	18.03.22	20.05.22	09.09.22	28.10.22

Capillary Zone Electrophoresis

Niederau / Schellenberg

102

Samples: 2 samples Sample properties: Serum, liquid Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months						
Albumin (electrophoresis) gamma-Globulins	a1-Globulins	a2-Globulins	beta-Globulins			
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Clinical Chemistry – Conventional Analysis

Falck / Niederau

100

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
AP Albumin (electrophoresis) Bilirubin conj. Calcium Copper GLDH Glucose IgG Iron binding capacity Lipase Osmolality Potassium Sodium Urea gamma-Globulins	Acid phosphatase Aldolase CHE Chloride Creatinine GOT HBDH IgM LDH Lithium Pancreas amylase Prostatic acid Posphatase Transferrine Uric Acid	Albumin Bilirubin CK Cholesterol GGT GPT IgA Iron Lactate Magnesium Phosphate Protein Triglycerides alpha-Amylase					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Samples: 2 samples of 0.5 ml Sample properties: Lyophilised whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
G6PDH		
	July (4)	Oct. (6)
Registration deadline:	29.04.22	12.08.22
Sample Shipment:	29.06.22	12.10.22
Closing Date:	15.07.22	28.10.22

Lipids / Lipoproteins

Samples: 2 samples Sample properties: Lyophilised serum / plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
Apolipoprotein A1 Cholesterol LDL-cholesterol Triglycerides	Apolipoprotein B HDL-cholesterol Lp (a)	Apolipoprotein E Homocystein Phospholipids					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Cerebrospinal Fluid Analysis 01 – Protein Analysis

Uhr / Zimmermann / Reiber

460

<p>Samples: 2 sets = CSF + serum of 1 ml Sample properties: CSF + serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months</p>					<p>additional sample not available participation according to Rili-BÄK: quarterly</p>
<p>(Evaluation of CSF/serum quotients in diagrams and age-related interpretation)</p>					
<p>Albumin IgA – CSF IgM</p>	<p>Albumin – CSF IgG IgM – CSF</p>	<p>IgA IgG – CSF Protein – CSF</p>	<p>Sample volumes in the CSF proficiency tests (No. 460-466) are limited as it is difficult to acquire large volumes of CSF.</p>		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Cerebrospinal Fluid Analysis 02 – Oligoclonal IgG

Uhr / Zimmermann / Reiber

462

<p>Samples: 1 set of samples, CSF + serum of 150 µl Sample properties: CSF + serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months / 12 months</p>					<p>additional sample not available participation according to Rili-BÄK: biannually</p>
<p>(paired analysis of samples and interpretation)</p>					
<p>Interpretation of the report Oligoclonal IgG</p> <p>The acquisition of samples is demanding, as it is not possible to use pooled CSF, i.e. the samples are from individual patients (catheter, drainage, etc.).</p>					
		May (3)		Oct. (6)	
Registration deadline:		04.03.22		12.08.22	
Sample Shipment:		04.05.22		12.10.22	
Closing Date:		20.05.22		28.10.22	

Cerebrospinal Fluid Analysis 03 – MRZ Reaction

Uhr / Zimmermann / Reiber

463

<p>Samples: 1 set of samples, CSF + serum à 1 ml Sample properties: CSF + serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>					<p>additional sample not available</p>
<p>Antibodies against Measles viruses, Rubella viruses, Varicella zoster viruses, Herpes simplex viruses (1+2). Analysis of virus-specific antibodies in CSF and serum for detection of specific antibody response in central nervous system (MRZ reaction).</p>					
<p>Detection of titers is not suitable. Evaluation as antibody index and interpretation of combined data.</p>					
		May (3)		Oct. (6)	
Registration deadline:		04.03.22		12.08.22	
Sample Shipment:		04.05.22		12.10.22	
Closing Date:		20.05.22		28.10.22	

Samples: 2 samples of 0.5 ml Sample properties: CSF + serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		additional sample not available participation according to Rili-BÄK: quarterly		
Glucose – CSF Glucose quotient – diagnostic comment Lactate	Glucose quotient (CSF/Serum) Interpretation of the report Lactate – diagnostic comment			
Calculation of the CSF/serum ratio of glucose. Interpretation with respect to the reference range.				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Samples: 1 set of samples, CSF + serum Sample properties: CSF + serum, the CSF sample is not native CSF but serum diluted to CSF concentration Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
Borrelia IgG Antibody Index (AI) calculation	Interpretation of the report		
Detection of titers is not suitable. Calculation of antibody index and interpretation.			
	May (3)	Oct. (6)	
Registration deadline:	04.03.22	12.08.22	
Sample Shipment:	04.05.22	12.10.22	
Closing Date:	20.05.22	28.10.22	

Samples: 1 CSF sample of 1 ml Sample properties: CSF Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
Amyloid β Peptid 40 (A β 40) Amyloid β Peptid Ratio (A β 42/40) Total Tau Protein (Tau)	Amyloid β Peptid 42 (A β 42) PhosphoTau Protein (pTau)		
Neurochemical dementia diagnostics: Support for differential diagnosis of dementia by interpretation of the combined analysis of different marker proteins in CSF.			
	May (3)	Oct. (6)	
Registration deadline:	04.03.22	12.08.22	
Sample Shipment:	04.05.22	12.10.22	
Closing Date:	20.05.22	28.10.22	

Neonatal Bilirubin

Niederau / Falck

110

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months

participation according to Rili-
 BÄK: quarterly

Neonatal Bilirubin

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Newborn screening

Ceglarek / Spannagl

785

Samples: 2 samples
 Sample properties: Filter papers, each with 2 dried blood spots
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 6 months

participation according to Rili-
 BÄK: quarterly

17-Hydroxyprogesterone IRT PAP TSH

No shipping outside Germany possible!

Samples and evaluation by Reference Institute for Bioanalytics, Bonn.

An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

	Feb. (1)	Apr. (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	25.02.22	06.06.22	22.08.22
Sample Shipment:	26.01.22	06.04.22	29.06.22	14.09.22
Closing Date:	19.02.22	30.04.22	23.07.22	08.10.22

Antiarrhythmics – Amiodaron

Steimer / Schneider

190

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

	Amiodarone		Desethylamiodarone	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Antibacterials 01 – Teicoplanin

Steimer / Schneider

193

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

	Teicoplanin			
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Antibacterials 02

Schneider / Steimer

890

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

	Ampicillin		Cefepime		Ceftazidime	
	Linezolid		Meropenem		Piperacilline	
	Sulbactam		Tazobactam			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)		
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22		
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22		
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22		

Anticonvulsants 01

Steimer / Schneider

191

Samples: 2 samples of 3 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Lamotrigine	Levetiracetam	Sulthiame		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Anticonvulsants 02

Steimer / Schneider

192

Samples: 2 samples of 3 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
10-OH-Carbamazepine	Carbamazepine-epoxide	N-Desmethylmethsuximide		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Anticonvulsants 03

Steimer / Schneider

871

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Eslicarbazepine	Felbamate	Lacosamide	Rufinamide	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Gabapentin Vigabatrin	Pregabalin Zonisamide	Tiagabine	Topiramate	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Antifungals / Chloramphenicol

Samples: 2 samples of 5 ml (+ 2 samples of 3 ml antibiotics) Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Chloramphenicol Voriconazole	Fluconazole	Flucytosine	Posaconazole
		May (3)	Oct. (6)
Registration deadline:		04.03.22	12.08.22
Sample Shipment:		04.05.22	12.10.22
Closing Date:		20.05.22	28.10.22

Antifungals / Immunosuppressants

Samples: 2 samples Sample properties: Lyophilised serum / plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Hydroxy-Itraconazole	Itraconazole	Mycophenolic acid
	Mar. (2)	Oct. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	18.03.22	28.10.22

Antipsychotic Drugs 01

Steimer / Schneider

200

Samples: 2 samples of 2 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months						
Clozapine	N-Desmethylclozapine					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Antipsychotic Drugs 02

Steimer / Schneider

873

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months						
Amisulpride	Desmethyl sertraline		Fluvoxamine			
Levomepromazine	Pipamperone		Reboxetine			
Sertraline	Ziprasidone					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Antipsychotic Drugs 03

Steimer / Schneider

874

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months						
Desmethyl fluoxetine	Fluoxetine	Mianserine		Perazine		
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months						
Chlorprotixene	Desmethyl olanzapine		Olanzapine		Paroxetine	
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Antivirals

Samples: 2 samples of 1 – 3 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					
We will inform you in time about the current parameters for the determination from the list below.					
Atazanavir	Darunavir	Dolutegravir			
Efavirenz	Elvitegravir	Etravirine			
Lopinavir	Maraviroc	Nevirapine			
Raltegravir	Ribavirine	Rilpivirin			
Ritonavir					
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:		02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:		18.03.22	20.05.22	09.09.22	28.10.22

Benzodiazepines 01

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Alprazolam	Chlordiazepoxide	Desalkylflurazepam		
Diazepam	Nordiazepam	Oxazepam		
Trazodone				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Benzodiazepines 02

Steimer / Schneider

877

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Clonazepam Nitrazepam	Flunitrazepam Temazepam	Flurazepam		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Benzodiazepines 03

Steimer / Schneider

878

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Bromazepam	Clobazam (Clobazepam)	Lorazepam		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Immunosuppressants

Ahsen, von / Kaiser

601

Samples: 4 samples Sample properties: Lyophilised whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Cyclosporine A	Everolimus	Sirolimus	Tacrolimus
	Mar. (2)		Oct. (6)
Registration deadline:	07.01.22		12.08.22
Sample Shipment:	02.03.22		12.10.22
Closing Date:	18.03.22		28.10.22

Samples: 4 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Paracetamol	Salicylic acid			
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Psychostimulants – ADHS-Treatment

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Atomoxetine	Methylphenidate	Ritalinic acid		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22

Psychotherapeutic Drugs 01

Samples: 2 samples of 5 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

10-OH-Carbamazepine O-Desmethylvenlafaxine	Aripiprazole Perazine	Citalopram Quetiapine	Lamotrigine Venlafaxine	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples of 5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Amisulpride O-Desmethylvenlafaxine		Escitalopram Quetiapine		Mirtazapine Venlafaxine
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples of 5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
9-OH-Risperidone / Paliperidone Duloxetine N-Desmethylclozapine Quetiapine Ziprasidone		Clozapine Haloperidol Olanzapine Risperidone		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples of 5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Amitriptyline Desipramine Maprotiline Nordoxepin		Clomipramine Doxepin N-Desmethylclozapine Nortriptyline		Clozapine Imipramine Norclomipramine Trimipramine
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					
Caffeine					
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Therapeutic drug monitoring 01 – Antiepileptic drugs, Digoxin, Lithium, etc.

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months						participation according to Rili-BÄK: quarterly
Carbamacepine Lithium Primidon	Digoxin Phenobarbital Theophylline	Ethosuximid Phenytoin Valproic Acid				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Therapeutic drug monitoring 02 – Antibiotics, Digitoxin, MTX

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months						participation according to Rili-BÄK: quarterly
Amicacin Methotrexate	Digitoxin Tobramycin	Gentamicin Vancomycin				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Tricyclic Antidepressants 01 – Quantitative in Serum

Steimer / Schneider

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Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					
Amitriptyline Norclomipramine Tricyclic Antidepressants – Screen		Clomipramine Nortriptyline			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Tricyclic Antidepressants 02 – Quantitative in Serum

Steimer / Schneider

201

Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					
Doxepin Antidepressants – Screen		Nordoxepin Trimipramine	Nortrimipramine	Tricyclic	
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Tri-/Tetracyclic Antidepressants 03 – Quantitative in Serum

Steimer / Schneider

202

Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					
Desipramine Maprotiline Tricyclic Antidepressants – Screen		Imipramine Normaprotiline			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Samples: 2 samples of 2,5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months							participation according to Rili-BÄK: quarterly
May contain the following substances:							
Amitriptyline Desipramine Imipramine Nordoxepin Nortriptyline Trimipramine	Clomipramine Doxepin Norclomipramine Nortrimipramine Tricyclic Antidepressants (qualitative)- Screening						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Samples: 2 samples of 5 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months							participation according to Rili-BÄK: quarterly
May contain the following substances:							
Amitriptyline Desipramine Imipramine Nordoxepin Nortriptyline Trimipramine	Clomipramine Doxepin Norclomipramine Nortrimipramine Tricyclic Antidepressants (qualitative)- Screening						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Photometer Controls

Kaiser / Kramer

181

Samples: 2 samples
 Sample properties: Potassium picrate solution
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Wavelengths 334, 340, 365, 405 and 436 nm

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Infection Serology – C-Reactive Protein

Hunfeld / Sponzel

322

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		additional sample not available participation according to Rili-BÄK: quarterly			
C-Reactive Protein (quantitative)	C-reactive protein (qualitative)				
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	24.08.22	12.10.22	
Closing Date:	28.01.22	20.05.22	09.09.22	28.10.22	

Plasmaproteins 01

Schellenberg / Falck

241

Samples: 2 samples of 1 ml Sample properties: Plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		participation according to Rili-BÄK: quarterly				
C-Reactive Protein (quantitative)	C3	C4				
Coeruloplasmin	Ferritin	Haptoglobin				
Hemopexin	IGE	IgA				
IgG	IgM	Transferrine				
a1-Antitrypsine	a1-Glycoprotein	a2-Makroglobulin				
sTfR						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Plasmaproteins 02 – Cystatin C

Schellenberg / Falck

242

Samples: 2 samples Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available				
Cystatin C						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Samples: 2 samples
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

additional sample not available

hsCRP

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22

Blood Gas Analysis

Luppa / Schneider

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Samples: 2 samples of 2.5 ml Sample properties: Liquid controls Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months							participation according to Rili-BÄK: quarterly
Chloride Lactate Sodium pCO ₂	Creatinine Magnesium Urea pH	Glucose Potassium ionized Calcium pO ₂					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Blood Gas Analysis – Haemoglobin

Dorn-Beineke / Nebe

162

Samples: 2 samples of 2.5 ml Sample properties: Liquid controls Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
Fraction CO-Hb Haemoglobin	Fraction Met-Hb	Fraction O ₂ -Hb					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Blood Gas Analysis OPTI Systems

Luppa / Schneider

163

Samples: 2 samples of 1.7 ml Sample properties: Liquid controls Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
Chloride Potassium ionized Calcium pO ₂	Haemoglobin Sodium pCO ₂ sO ₂	Lactate Urea pH					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Samples: 2 samples Sample properties: Plasma or whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months							participation according to Rili-BÄK: quarterly
Glucose Point of Care Testing Systems							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Samples: 2 samples Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
AP Bilirubin conj. Chloride GGT Glucose LDL-cholesterol Phosphate Sodium Uric Acid tCO2	Albumin CK Cholesterol GOT HDL-cholesterol Lactate Potassium Triglycerides VLDL-cholesterol	Bilirubin Calcium Creatinine GPT LDH Magnesium Protein Urea alpha-Amylase					
	Mar. (2)	May (3)		Sep. (5)	Oct. (6)		
Registration deadline:	07.01.22	04.03.22		24.06.22	12.08.22		
Sample Shipment:	02.03.22	04.05.22		24.08.22	12.10.22		
Closing Date:	18.03.22	20.05.22		09.09.22	28.10.22		

Samples: 2 samples Sample properties: Lyophilised serum / plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
AP Cholesterol GOT HDL-cholesterol Triglycerides alpha-Amylase	Bilirubin Creatinine GPT Pancreas amylase Urea	CK GGT Glucose Potassium Uric Acid					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Trace Elements 02 (Plasma)

Kaiser / Kramer

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Samples: 2 samples of 5 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Aluminium	Arsenic	Cadmium	
Chromium	Cobalt	Copper	
Fluoride	Gold	Iodine	
Iron	Manganese	Nickel	
Platin	Selenium	Zinc	
	Mar. (2)	Oct. (6)	
Registration deadline:	07.01.22	12.08.22	
Sample Shipment:	02.03.22	12.10.22	
Closing Date:	25.03.22	04.11.22	

Trace Elements 03 (Serum)

Kaiser / Kramer

207

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Antimon	Beryllium	Bismuth	
Molybdaen	Tin	Vanadium	
	Mar. (2)	Oct. (6)	
Registration deadline:	07.01.22	12.08.22	
Sample Shipment:	02.03.22	12.10.22	
Closing Date:	25.03.22	04.11.22	

Trace Elements 04 (Whole Blood)

Kaiser / Kramer

208

Samples: 2 samples of 5 ml Sample properties: Lyophilised whole blood Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Antimon	Arsenic	Cadmium	
Chromium	Cobalt	Lead	
Magnesium	Manganese	Mercury	
Nickel	Selenium	Zinc	
	Mar. (2)	Oct. (6)	
Registration deadline:	07.01.22	12.08.22	
Sample Shipment:	02.03.22	12.10.22	
Closing Date:	25.03.22	04.11.22	

Tumor Markers

Holdenrieder / Peetz

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Samples: 2 samples Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
AFP	CA 125	CA 15-3					
CA 19-9	CA 72-4	CEA					
CYFRA 21-1	HE4	HER2/new					
NSE	PSA, free	PSA, total					
ROMA-Score	S100	SCC					
TPA	TPS	Thyreoglobulin					
beta-2-Microglobulin	hCG intact	hCG intact +beta-hCG free					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Tumor Markers – Calcitonin/Pro-Gastrin-Releasing Peptide

Holdenrieder / Peetz

299

Samples: 2 samples Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months							
Calcitonin	Progastrin-releasing Peptide						
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Tumor Markers – PSA and Testosterone

Holdenrieder / Peetz

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Samples: 2 samples Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
PSA, free	PSA, total	Testosterone					
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Drugs of Abuse in Human Urine 01 (Qualitative + Quantitative)

Steimer / Niederau

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Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months					participation according to Rili-BÄK: quarterly
Amphetamine (qualitative) Barbiturate-phenobarbiturate (qualitative) Benzoylcegonine (qualitative) Opiate / Morphin (qualitative)		Amphetamine (quantitative) Barbiturate-phenobarbiturate (quantitative) Benzoylcegonine (quantitative) Opiate / Morphin (quantitative)			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Drugs of Abuse in Human Urine 02 (Qualitative + Quantitative)

Steimer / Niederau

176

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months					participation according to Rili-BÄK: quarterly
(d-)Methamphetamine (quantitative) Buprenorphine (qualitative) LSD (qualitative) Methadone (qualitative)		(d-)Methamphetamine (qualitative) Buprenorphine (quantitative) LSD (quantitative) Methadone (quantitative)			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Drugs of Abuse in Human Urine 03 (Qualitative + Quantitative)

Steimer / Niederau

177

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months					participation according to Rili-BÄK: quarterly
Benzodiazepine Lorazepam (qualitative) EDDP (qualitative) MDMA (qualitative) delta-9-THC-COOH (qualitative)		Benzodiazepine Lorazepam (quantitative) EDDP (quantitative) MDMA (quantitative) delta-9-THC-COOH (quantitative)			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Samples: 2 samples of 1 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Ethylglucuronid				
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:	02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:	18.03.22	20.05.22	09.09.22	28.10.22

Samples: 2 samples of 10 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months			participation according to Rili-BÄK: biannually
Chromatographic analysis with identification of the active substance (STA)			
No shipping outside Germany possible! From a list of 30 substances, the proof of 6 – 8 substances with chromatographic methods is required in both samples. Samples and evaluation by Reference Institute for Bioanalytics, Bonn. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!			
	May (3)	Sep. (5)	
Registration deadline:	11.03.22	20.06.22	
Sample Shipment:	20.04.22	10.08.22	
Closing Date:	14.05.22	03.09.22	

Samples: 2 samples of 10 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Aluminium	Arsenic	Cadmium
Chromium	Cobalt	Copper
Fluoride	Iodine	Iron
Lead	Manganese	Mercury
Nickel	Selenium	Zinc
	Mar. (2)	Oct. (6)
Registration deadline:	07.01.22	12.08.22
Sample Shipment:	02.03.22	12.10.22
Closing Date:	25.03.22	04.11.22

Samples: 2 samples Sample properties: Urine, liquid Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Albumin – Urine Erythrocytes Leucocytes Urobilinogen specific gravity	Ascorbic acid Glucose Nitrite hCG	Bilirubin Ketone bodies Protein pH		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months							participation according to Rili-BÄK: quarterly
Albumin – Urine Creatinine Osmolality Sodium alpha-Amylase	Calcium Glucose Phosphate Urea total Protein – Urine	Chloride Magnesium Potassium Uric Acid					
The proteins previously included in this group have been moved to the new group 182 Urine Protein Differentiation							
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)	
Registration deadline:	19.11.21	07.01.22	04.03.22	29.04.22	24.06.22	12.08.22	
Sample Shipment:	12.01.22	02.03.22	04.05.22	29.06.22	24.08.22	12.10.22	
Closing Date:	28.01.22	18.03.22	20.05.22	15.07.22	09.09.22	28.10.22	

Samples: 2 samples of 8 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
3-Methoxytyramine Epinephrine Norepinephrine Vanillylmandelic acid	5-Hydroxyindolea acid Homovanillic acid Normetanephrine	Dopamine Metanephrines Serotonin		
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:	02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:	18.03.22	20.05.22	09.09.22	28.10.22

Urine Chemistry 04 (Porphyrins)

Kaiser / Kramer

178

Samples: 2 samples of 10 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Aminolaevulinic acid	Coproporphyrin 1	Coproporphyrin 3	
Coproporphyrin total	Heptaporphyrin	Hexaporphyrin	
Pentaporphyrin	Porphobilinogen	Porphyrins total	
Uroporphorin			
		May (3)	Oct. (6)
Registration deadline:	04.03.22		12.08.22
Sample Shipment:	04.05.22		12.10.22
Closing Date:	20.05.22		28.10.22

Urine Chemistry 05 (Hormones)

Kaiser / Kramer

179

Samples: 2 samples of 5 ml Sample properties: Lyophilised urine Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Aldosterone	Cortisol free	hCG intact	
		May (3)	Oct. (6)
Registration deadline:	04.03.22		12.08.22
Sample Shipment:	04.05.22		12.10.22
Closing Date:	20.05.22		28.10.22

Urine Chemistry 06 (Sediment Pictures)

Fried / Niederau

172

Samples: Pictures Sample properties: Digital slides Certificate Validity: 24 months					additional sample not available participation according to Rili-BÄK: yearly
Sediment pictures Available online in digital microscopy! – No shipment!					
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	31.12.21	22.04.22	16.06.22	30.09.22	
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22	
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22	

Samples: 2 samples Sample properties: Urine lyophilised / liquid Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months / 12 months		participation according to Rili-BÄK: quarterly			
Albumin – Urine Retinol binding protein alpha-2-macroglobulin	Creatinine Transferrine beta-2-Microglobulin			IgG alpha-1-Microglobulin	
				Mar. (2)	Sep. (5)
Registration deadline:	07.01.22		24.06.22		
Sample Shipment:	02.03.22		24.08.22		
Closing Date:	18.03.22		09.09.22		

Vitamins 01 (Serum)

Niederau / Schellenberg

290

Samples: 2 samples of 5 ml Sample properties: Lyophilised serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
1,25-OH Cholecalciferol Biotin (Vitamin H) Folic acid Pantothenic acid (Vitamin B5) Retinol (Vitamin A) Thiamine total (Vitamin B1)		25-OH CCF (Vitamin D) Cobalamin (Vitamin B12) Holotranscobalamine Pyridoxal-5-phosphate (Vitamin B6) Riboflavin (Vitamin B2) Tocopherol (Vitamin E)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Vitamins 02 (Whole Blood)

Niederau / Schellenberg

291

Samples: 2 samples of 2 ml Sample properties: Lyophilised haemolysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Flavine Adenine Dinucleotide (FAD) Pyridoxal-5-phosphate (Vitamin B6) Thiamine total (Vitamin B1)		Flavine mononucleotid (FMN) Riboflavin (Vitamin B2) Thiaminpyrophosphat (TPP)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Vitamins 03 – Vitamin C

Niederau / Schellenberg

296

Samples: 2 samples of 0.5 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Ascorbic acid (Vitamin C)				
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Methylmalonic acid

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	19.11.21	04.03.22	29.04.22	12.08.22
Sample Shipment:	12.01.22	04.05.22	29.06.22	12.10.22
Closing Date:	28.01.22	20.05.22	15.07.22	28.10.22

Bacterial Genome Detection

Bacterial Genome Detection – *Bordetella pertussis*

Reischl / Ehrenschwender

532

Samples: 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

PCR or other procedures for nucleic acid amplification/detection of *Bordetella pertussis*

	May (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – *Borrelia burgdorferi*

Reischl / Fingerle

535

Samples: 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

PCR or other procedures for nucleic acid amplification/detection of *Borrelia burgdorferi*

	May (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – Carbapenemase-Genes

Reischl / Anders

544

Samples: 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of Carbapenemases

	May (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 1 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Chlamydia pneumoniae		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Chlamydia trachomatis		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Chlamydia trachomatis and Neisseria gonorrhoeae		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – Clostridium difficile (Toxin Gene)

Reischl / Ehrenschwender

545

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Clostridium difficile toxin-genes		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – Coxiella burnetii & Bacillus anthracis

Reischl / Frangoulidis / Grass

542

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months / 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Coxiella burnetii and Bacillus anthracis		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – EHEC / STEC

Reischl / Ehrenschwender

534

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of EHEC / STEC		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months / 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of <i>Francisella tularensis</i> and <i>Brucella</i> spp.		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – Helicobacter pylori

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of <i>Helicobacter pylori</i>		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – Legionella pneumophila

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of <i>Legionella pneumophila</i>		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – Listeria spp.

Reischl / Ehrenschwender

538

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Listeria spp.		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacterial Genome Detection – Molecular Genetic Analysis of the Human Microbiome

Gessner / Reischl

580

Samples: Standardized stool samples Sample properties: delivered with dry ice! Shipping Information: Cooled shipping Certificate Validity: 12 months		additional sample not available
NGS-Analysis (next generation sequencing)		
	July (3)	
Registration deadline:	18.03.22	
Sample Shipment:	18.05.22	
Closing Date:	22.07.22	

Bacterial Genome Detection – MRSA or cMRSA

Reischl / Ehrenschwender

539

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of MRSA / cMRSA		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Mycoplasma pneumoniae		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
PCR or other procedures for nucleic acid amplification/detection of Salmonella enterica		
	May (3)	
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of specific DNA: Selection of: Mycoplasma hominis, Mycoplasma genitalium, Ureaplasma parvum, Ureaplasma urealyticum, Trichomonas vaginalis, Gardnerella vaginalis, Treponema pallidum		
	May (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Samples: 4 samples of 0.3 ml Sample properties: Lyophilised Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
PCR or other procedures for nucleic acid amplification/detection of Vancomycin resistant enterococci (VRE)		
	May (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Bacteriology (3 Samples)



Schlüter / Ziesing

411

Samples: 3 dry samples and 1 tube of a sterile nutrient solution 2 ml
 Sample properties: Lyophilized (strains) and liquid (bouillon)
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

Cultivation, identification and susceptibility testing of fast-growing bacteria and accompanying bacterial flora of the urogenital tract, incl. yeasts
 Gram staining

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining if successful in this part.

Additional participation in EQA scheme No. 413 Gram Stain is not required.

Participants will be notified in advance in case the panel of tested antibiotics will be changed.

Ampicillin	Ampicillin/Sulbactam	Cefpodoximproxetil
Ceftazidim	Ciprofloxacin	Levofloxacin
Penicillin	Meropenem	Oxacillin
Trimethoprim/Sulfamethoxazol	Fosfomycintrometamol	Nitrofurantoin
Pivmecillinam	Nitroxolin	Gentamicin

	Jan. (1)	Apr. (3)	July (4)	Nov. (6)
Registration deadline:	19.11.21	04.02.22	06.05.22	09.09.22
Sample Shipment:	19.01.22	06.04.22	06.07.22	09.11.22
Closing Date:	28.01.22	15.04.22	15.07.22	18.11.22

Bacteriology (5 Samples)



Schlüter / Ziesing

412

Samples: 5 samples
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

Cultivation, identification and susceptibility testing of bacteria
 Gram staining

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining if successful in this part.

Additional participation in EQA scheme No. 413 Gram Stain is not required.

Participants will be notified in advance in case the panel of tested antibiotics will be changed.

Ampicillin	Cefotaxim	Ceftazidim
Cefuroxim	Ciprofloxacin	Erythromycin
Gentamicin High Level	Meropenem	Levofloxacin
Linezolid	Oxacillin	Penicillin
Piperacillin/Tazobactam	Trimethoprim/Sulfamethoxazol	Tobramycin
Vancomycin		

	Feb. (1)	Sep. (5)
Registration deadline:	19.11.21	08.07.22
Sample Shipment:	09.02.22	07.09.22
Closing Date:	18.02.22	16.09.22

Samples: 3 samples
 Sample properties: Slides
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

Gram staining

Participants of the EQA schemes in bacteriology No. 411 or 412 will get a certificate for gram staining if they are successful in this part.

	Mar. (2)	Oct. (6)
Registration deadline:	14.01.22	12.08.22
Sample Shipment:	16.03.22	12.10.22
Closing Date:	25.03.22	21.10.22

Infection Serology – *Bordetella pertussis* Antibodies

Hunfeld / Sponsel

317

Samples: 2 samples of 0.2 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	additional sample not available	
IgG (qualitative) IgG (semiquantitative) IgA (qualitative) IgM (qualitative) AB against <i>Bordetella pertussis</i> polyvalent (qualitative) AB against <i>Bordetella pertussis</i> polyvalent (semiquantitative) Diagnostic comment		
	Nov. (6)	
Registration deadline:	26.08.22	
Sample Shipment:	26.10.22	
Closing Date:	11.11.22	

Infection Serology – *Borrelia burgdorferi* Antibodies

Hunfeld / Sponsel

332

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months	additional sample not available participation according to Rili-BÄK: biannually	
Antikörper polyvalent (qualitative) IgG (qualitative) IgM (qualitative) Antikörper polyvalent – Blot IgM-Blot Diagnostic comment	Antikörper polyvalent (semiquantitative) IgG (semiquantitative) IgM (semiquantitative) IgG-Blot AB against <i>Treponema pallidum</i> (qualitative)	
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Infection Serology – *Campylobacter* Antibodies

Hunfeld / Sponsel

319

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months	additional sample not available	
Antibodies against campylobacter IgG (qualitative) IgG (semiquantitative) IgA (qual) IgA (semiquant) IgA (semiquant) IgM (qualitative) IgM (semiquantitative) Diagnostic comment		
	June (3)	
Registration deadline:	18.03.22	
Sample Shipment:	18.05.22	
Closing Date:	03.06.22	

Infection Serology – Chlamydia pneumoniae (Chlamydothila) Antibodies

Hunfeld / Sponset

314

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
IgG (qualitative) IgG (semiquantitative) IgA (qualitative) IgA (semiquantitative) IgM (qualitative) IgM (semiquantitative) AB against Chlamydia pneumoniae polyvalent (qualitative) AB against Chlamydia pneumoniae polyvalent (semiquantitative) Diagnostic comment		
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Infection Serology – Chlamydia trachomatis Antibodies

Hunfeld / Sponset

312

Samples: 2 samples of 0.2 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
IgG (qualitative) IgG (semiquantitative) IgA (qualitative) IgA (semiquantitative) IgM (qualitative) IgM (semiquantitative) AB against Chlamydia trachomatis polyvalent (qualitative) AB against Chlamydia trachomatis polyvalent (semiquantitative) Diagnostic comment		
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Infection Serology – Chlamydia trachomatis Direct Detection (ELISA / PCR)



Hunfeld / Sponset

313

Samples: 2 samples of 0.2 ml Sample properties: Urine Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
Direct detection of Chlamydia trachomatis antigen (ELISA, PCR) Diagnostic comment		
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

! Infectious material, UN3373, biological substances category B.

Samples: 2 slides Sample properties: Slides Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
Direct detection of Chlamydia trachomatis antigen (dir. IFA) Diagnostic comment		
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		additional sample not available
AB against Coxiella burnetii – Phase I (qualitative) AB against Coxiella burnetii – Phase I (semiquantitative) AB against Coxiella burnetii – Phase II (qualitative) AB against Coxiella burnetii – Phase II (semiquantitative) AB against Coxiella burnetii IgG – Phase I (qualitative) AB against Coxiella burnetii IgG – Phase I (semiquantitative) AB against Coxiella burnetii IgG – Phase II (qualitative) AB against Coxiella burnetii IgG – Phase II (semiquantitative) IgA (qualitative) IgA (semiquantitative) IgM (qualitative) IgM (semiquantitative) Diagnostic comment		
		Nov. (6)
Registration deadline:		26.08.22
Sample Shipment:		26.10.22
Closing Date:		11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
AB against Diphtherie toxoid (qualitative) Diagnostic comment	AB against Diphtherie toxoid (semiquantitative)	
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
IgG (qualitative) IgA (qualitative) Diagnostic comment	IgG (semiquantitative) IgA (semiquantitative)	
	June (3)	
Registration deadline: Sample Shipment: Closing Date:	18.03.22 18.05.22 03.06.22	26.08.22 26.10.22 11.11.22

Samples: 2 samples of 0.3 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		additional sample not available
IgG (qualitative) IgG (semiquantitative) IgA (qualitative) IgM (qualitative) AB against Mycoplasma pneumoniae polyvalent (qualitative) AB against Mycoplasma pneumoniae polyvalent (semiquantitative) Diagnostic comment		
	Nov. (6)	
Registration deadline: Sample Shipment: Closing Date:	26.08.22 26.10.22 11.11.22	

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Procalcitonin (qualitative) Procalcitonin (quantitative)	Procalcitonin (semi-quantitative) Diagnostic comments	
	June (3)	
Registration deadline: Sample Shipment: Closing Date:	18.03.22 18.05.22 03.06.22	26.08.22 26.10.22 11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 6 months		participation according to Rili-BÄK: quarterly		
Rheumatoid factor (RF) (qualitative)	Rheumatoid factor (RF) (semi-quantitative)			
	Jan. (1)	June (3)	Sep. (5)	Nov. (6)
Registration deadline:	19.11.21	18.03.22	24.06.22	26.08.22
Sample Shipment:	12.01.22	18.05.22	24.08.22	26.10.22
Closing Date:	28.01.22	03.06.22	09.09.22	11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available	
AB against Salmonella typhi, O-Antigen (qualitative) AB against Salmonella typhi, O-Antigen (semiquantitative) AB against Salmonella typhi, OH-Antigen (qualitative) AB against Salmonella typhi, OH-Antigen (semiquantitative) AB against Salmonella enteritidis, OH-Antigen (qualitative) AB against Salmonella enteritidis, OH-Antigen (semiquantitative) AB against Salmonella typhimurium, OH-Antigen (qualitative) AB against Salmonella typhimurium, OH-Antigen (semiquantitative) AB against Salmonella paratyphi B, OH-Antigen (qualitative) AB against Salmonella paratyphi B, OH-Antigen (semiquantitative) AB against Salmonella Gruppe A, O-Antigen (qualitative) AB against Salmonella Gruppe A, O-Antigen (semiquantitative) AB against Salmonella Gruppe B, O-Antigen (qualitative) AB against Salmonella Gruppe B, O-Antigen (semiquantitative) AB against Salmonella Gruppe C, O-Antigen (qualitative) AB against Salmonella Gruppe C, O-Antigen (semiquantitative) AB against Salmonella polyvalent (qualitative) AB against Salmonella IgA (qualitative) Diagnostic comment			
		June (3)	Nov. (6)
Registration deadline:		18.03.22	26.08.22
Sample Shipment:		18.05.22	26.10.22
Closing Date:		03.06.22	11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
anti-streptolysin O (ASO) (qualitative) anti-streptolysin O (ASO) (semi-quantitative) anti-streptodornase (aDNase) (qualitative) anti-streptodornase (aDNase) (semi-quantitative)		
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
AB against Tetanus toxoid (qualitative) Diagnostic comment	AB against Tetanus toxoid (semiquantitative)	
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months / 12 months		additional sample not available participation according to Rili-BÄK: biannually
TPHA (qualitative) TPPA (qualitative) Antibodies against Treponema pallidum IgG (semiquantitative) IgG – Immunoblot FTA-Abs IgG (qualitative) FTA-Abs IgM (qualitative) AB against Cardiolipin (qualitative) Diagnostic comment	TPHA (semiquantitative) TPPA (semiquantitative) IgG (qualitative) IgM (qualitative) IgM – Immunoblot FTA-Abs IgG (semiquantitative) FTA-Abs IgM (semiquantitative) AB against Cardiolipin (semiquantitative)	
	June (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	03.06.22	11.11.22

Samples: 2 samples of 0.4 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
AB against Yersinia enterocolitica O3 (qualitative) AB against Yersinia enterocolitica O3 (semiquantitative) AB against Yersinia enterocolitica O9 (qualitative) AB against Yersinia enterocolitica O9 (semiquantitative) AB against Yersinia pseudotuberculosis (qualitative) AB against Yersinia pseudotuberculosis (semiquantitative) IgG (qualitative) IgG (semiquantitative) IgA (qualitative) IgM (qualitative) Diagnostic comment		
	June (3)	
Registration deadline:	18.03.22	
Sample Shipment:	18.05.22	
Closing Date:	03.06.22	

Mycology 01
(Mucorales, Yeasts, Coelomycetes, Hyphomycetes, Basidiomycetes)
Haase / Geißdörfer /
Schoerner

490

Samples: 5 samples
 Sample properties: -
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

Cultivation and species identification of fungi (yeasts, yeast-like fungi, hyphomycetes) occurring as the causative organism in case of mycosis of the mucosa, mycosis of the organs (deep-seated mycosis), systemic mycosis or mycosis acquired after trauma, as well as fungal contaminants present in human specimens. Furthermore, interpretation of the result should be performed (to some extent) within the framework of the provided information.

	Feb. (1)	Oct. (5)
Registration deadline:	19.11.21	22.07.22
Sample Shipment:	19.01.22	21.09.22
Closing Date:	11.02.22	14.10.22

Mycology 02 (Dermatophytes, Yeasts, Mould Fungus)


Gräser / Nenoff / Haase

491

Samples: 4 samples
 Sample properties: Living cultures
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

Differentiation of Dermatophytes, Yeasts and Moulds

Living strains of causative agents or contaminants will be sent, that had been isolated from patients with skin mycoses or mucosal fungal infections.

	Apr. (2)	Oct. (5)
Registration deadline:	14.01.22	15.07.22
Sample Shipment:	16.03.22	14.09.22
Closing Date:	29.04.22	28.10.22

! Infectious material, UN3373, biological substances category B.

Samples: 2 samples Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually
Candida IgA Candida antigen	Candida IgG Candida total AB	Candida IgM	
	Feb. (1)	Oct. (5)	
Registration deadline:	19.11.21	22.07.22	
Sample Shipment:	19.01.22	21.09.22	
Closing Date:	04.02.22	07.10.22	



Samples: 2 samples Sample properties: Serum or CSF Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually
Detection of Cryptococcus neoformans / Cryptococcus gattii Antigen			
	Feb. (1)	Oct. (5)	
Registration deadline:	19.11.21	22.07.22	
Sample Shipment:	19.01.22	21.09.22	
Closing Date:	04.02.22	07.10.22	

Detection of Toxoplasma DNA (PCR)

Hörauf / Hübner

457

Samples: 4 samples Sample properties: Stabilized amniotic fluid (and/or EDTA blood), buffer Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
<i>Toxoplasma gondii (DNA) – qualitative</i>		
	Mar. (2)	
Registration deadline:	07.01.22	24.06.22
Sample Shipment:	02.03.22	24.08.22
Closing Date:	18.03.22	09.09.22

Parasite Microscopy (Blood)

Tannich / N.N. / Hörauf / Hübner

456

Samples: 2 samples Sample properties: Thin blood smear and/or thick blood smear Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually		
<i>Blood parasites – specification</i>				
In March and September: Prof. Hörauf, Bonn; in May and October: Prof. Tannich, Hamburg				
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	07.01.22	04.03.22	24.06.22	12.08.22
Sample Shipment:	02.03.22	04.05.22	24.08.22	12.10.22
Closing Date:	18.03.22	20.05.22	09.09.22	28.10.22

Parasite Microscopy (Stool)

Tannich / N.N.

451

Samples: 2 samples Sample properties: Fecal suspension or fecal smear Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
<i>Stool parasites – specification</i>		
	May (3)	
Registration deadline:	04.03.22	12.08.22
Sample Shipment:	04.05.22	12.10.22
Closing Date:	20.05.22	28.10.22

Parasite Serology – Amoebiasis and Echinococcosis

Hörauf / Hübner

455

Samples: 2 samples variable volumes Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		participation according to Rili-BÄK: yearly
Antibodies against Echinococcus	Antibodies against Entamoeba histolytica	
Oct. (6)		
Registration deadline:	12.08.22	
Sample Shipment:	12.10.22	
Closing Date:	28.10.22	

Parasite Serology – Malaria and Schistosomiasis

Hörauf / Hübner

454

Samples: 2 samples variable volumes Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: yearly
Antibodies against Plasmodium	Antibodies against Schistosoma	
May (3)		
Registration deadline:	04.03.22	
Sample Shipment:	04.05.22	
Closing Date:	20.05.22	

Parasite Serology – Toxoplasmosis

Hörauf / Hübner

452

Samples: 2 samples variable volumes Sample properties: Serum or plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
Antibodies against Toxoplasma gondii		
May (3)		
Registration deadline:	04.03.22	Oct. (6)
Sample Shipment:	04.05.22	12.10.22
Closing Date:	20.05.22	28.10.22

Samples: 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	May (3)	Nov. (6)
Registration deadline:	18.03.22	26.08.22
Sample Shipment:	18.05.22	26.10.22
Closing Date:	10.06.22	18.11.22

Genome Detection of Dermatophytes



Samples: 4 samples
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	Apr. (2)	Oct. (5)
Registration deadline:	14.01.22	15.07.22
Sample Shipment:	16.03.22	14.09.22
Closing Date:	08.04.22	07.10.22

! Infectious material, UN3373, biological substances category B.

**Mycobacteria diagnostics 01 –
Drug Susceptibility Testing of Nontuberculous Mycobacteria**


Hillemann / Andres

427

Samples: 5 samples Sample properties: Nontuberculous mycobacteria Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available
Susceptibility Testing of Nontuberculous Mycobacteria		
	May (2)	
Registration deadline:	21.01.22	15.07.22
Sample Shipment:	23.03.22	14.09.22
Closing Date:	13.05.22	04.11.22

Mycobacteriology 01 – Microscopy


Hillemann / Andres

421

Samples: 6 samples Sample properties: Microscopic slides Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
Microscopic Detection of Mycobacteria		
	Apr. (2)	
Registration deadline:	21.01.22	15.07.22
Sample Shipment:	23.03.22	14.09.22
Closing Date:	08.04.22	30.09.22

Mycobacteriology 02 – Culture


Hillemann / Andres

422

Samples: 5 samples Sample properties: Sputum specimens Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually	
Cultivation of Mycobacteria	Differentiation of tuberculosis bacteria		
	June (2)		Nov. (5)
Registration deadline:	21.01.22	15.07.22	
Sample Shipment:	23.03.22	14.09.22	
Closing Date:	03.06.22	25.11.22	



Samples: 5 samples Sample properties: Mycobacterial strains Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
Identification of Mycobacteria		
	May (2)	
Registration deadline:	21.01.22	15.07.22
Sample Shipment:	23.03.22	14.09.22
Closing Date:	13.05.22	04.11.22



Samples: 5 samples Sample properties: Sputum specimens Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		additional sample not available participation according to Rili-BÄK: biannually
Nucleic Acid Amplification of Mycobacteria		
	Apr. (2)	
Registration deadline:	21.01.22	15.07.22
Sample Shipment:	23.03.22	14.09.22
Closing Date:	08.04.22	30.09.22

! Infectious material, UN3373, biological substances category B.



Samples: 5 samples
 Sample properties: Mycobacterium tuberculosis complex strains for phenotypic resistance testing (incl. second-line drugs)
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

additional sample not available

participation according to Rili-BÄK: biannually

Susceptibility Testing of Tuberculosis Bacteria

Each registration for this group must confirm that the test is performed in a laboratory with security level S3 and with appropriately qualified personnel.

	May (2)	Nov. (5)
Registration deadline:	21.01.22	15.07.22
Sample Shipment:	23.03.22	14.09.22
Closing Date:	13.05.22	04.11.22



Samples: 5 samples
 Sample properties: Mycobacterium tuberculosis complex strains for molecular resistance testing
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

additional sample not available

participation according to Rili-BÄK: biannually

Susceptibility Testing of Tuberculosis Bacteria

	May (2)	Oct. (5)
Registration deadline:	21.01.22	17.07.22
Sample Shipment:	23.03.22	14.09.22
Closing Date:	29.04.22	21.10.22

INFORMATION ON VIRUS DIAGNOSTICS

The INSTAND EQA schemes in virology are carried out in scientific cooperation with the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten (DVV e.V.), Gesellschaft für Virologie (GfV e.V.) and Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM e.V.). Cooperation partners are amongst others: Laboratories participating in the Joint Diagnostic Council of DVV and GfV, Robert Koch-Institut, Paul-Ehrlich-Institut, Friedrich-Loeffler-Institut, Bernhard-Nocht-Institut, Reference Laboratories incl. National and International Reference Centers and National Consiliary Laboratories and Blood Transfusion Service of German Red Cross (DRK-Blutspendedienst Ost). The characterization of the EQA samples and the determination of the target values/consensus values are carried out in cooperation with the INSTAND Expert Laboratories.

Information for 2022:

(for details please see www.instand-ev.de -> EQAS -> EQAS Program)

General remarks on the INSTAND EQA schemes in virus diagnostics

Please note that the samples of the respective EQA scheme are suitable for applying more than one method for the corresponding parameter.

Example: EQA scheme "Virus immunology – HIV-1 / HIV-2 (335)" – The 4 samples of the sample set of the EQA scheme (335) can be analyzed on virus specific antibodies by different methods such as ELISA, ChLIA and other methods. The results of the respective method should be stated for all 4 samples of the sample set. The results reported for the different methods will be displayed in the participation document "listing and evaluation of the results".

EQA schemes 2020 for SARS-CoV-2 diagnostics in 2022

In cooperation with the Joint Diagnostic Council of DVV and GfV, INSTAND introduced the following EQA schemes for SARS-CoV-2 diagnostics.

(416) Virus Immunology – SARS-CoV-2 (Ab)

The participants receive defined sample panels with sera from whole blood or with patient plasma (not recalcified). Each panel member contains patient serum or patient plasma from one individual donor only. This EQA scheme contains 4 different samples (1 tube per sample number).

(340) Virus Genome Detection – Coronaviruses incl. SARS-CoV-2 (with variants of concern)

Participating at this EQA scheme gives the option for differentiation between SARS-CoV-2, MERS CoV and other human coronaviruses (samples which contain the SARS-CoV-2 and MERS CoV, respectively, are inactivated). This EQA scheme contains 6 different samples (2 tubes per sample number).

409) Virus Genome Detection – SARS-CoV-2 (with variants of concern)

For laboratories that only carry out genome detection of SARS-CoV-2, INSTAND e.V. offers the EQA 409. This EQA scheme contains 5 different samples (2 tubes per sample number).

(417) Virus Genome Detection – SARS-CoV-2 VOC Analysis

This EQA scheme is used for the determination and differentiation of SARS-CoV-2 Variants of Concern (VOC) by sequencing or point mutation analysis. This EQA scheme contains 3-5 different samples (2 tubes per sample number).

(431) Virus genome detection – respiratory virus panel 1 for multiplex tests

(432) Virus genome detection – respiratory virus panel 2 for multiplex tests

The EQA schemes for virus genome detection of respiratory viruses for multiplex tests, virus panel 1 (431) and virus panel 2 (432), will additionally contain SARS-CoV-2 (inactivated).

(410) Virus Antigen Detection – SARS-CoV-2 (Ag)

This EQA scheme contains 5 different samples (1 tube per sample number) and is suitable for rapid tests or automated immunoassays.

EQAS in Accordance with the RKI-Entero Surveillance Program Virus Detection – Enterovirus-PCR/Cultivation and Typing (typing required)



Zeichhardt / Kammel

374

<p>Samples: 1 set = 5 samples of 1.5 ml Sample properties: Suspension of feces Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months</p>	<p>additional sample not available</p> <p>This EQAS will only be carried out again in 2024!</p>						
<p>Enterovirus types will be detected using polymerase chain reaction (PCR)/ nucleic acid amplification techniques (NAT), virus cultivation and subsequent typing in accordance with the Entero Surveillance Program run by the Robert Koch-Institut (RKI).</p> <p>Please note: Specification of an enterovirus type is required in this EQA program. This program does NOT replace the EQA scheme "Virus genome detection – Enteroviruses (372)"!</p> <p>Please note that participation in this special EQA program in accordance with the RKI-Entero Surveillance Program requires virus propagation in cell culture before carrying out virus typing.</p> <p>Cooperation with: Nationales Referenzzentrum für Poliomyelitis und Enteroviren, Robert Koch-Institut, Berlin</p>							
Mar. (2)							
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Registration deadline:</td> <td style="text-align: right;">07.01.22</td> </tr> <tr> <td>Sample Shipment:</td> <td style="text-align: right;">09.03.22</td> </tr> <tr> <td>Closing Date:</td> <td style="text-align: right;">22.04.22</td> </tr> </table>		Registration deadline:	07.01.22	Sample Shipment:	09.03.22	Closing Date:	22.04.22
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Sample Shipment:	09.03.22						
Closing Date:	22.04.22						

NEW Virus Antigen Detection – SARS-CoV-2 (Ag)



Zeichhardt / Kammel

410

<p>Samples: 1 set = 5 samples of 0.5 ml Sample properties: Lyophilized cell culture supernatants Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>																								
<p>The sample set contains defined samples with antigen from SARS-CoV-2 (inactivated) and, if necessary, samples with antigen from human coronaviruses (not inactivated, risk group 2).</p> <p>The samples are suitable for rapid tests and automated immunoassays for the detection of SARS-CoV-2 antigen.</p> <p>Cooperation with: Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin; Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main</p>																								
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Mar. (2)</th> <th style="text-align: center;">June (4)</th> <th style="text-align: center;">Sep. (5)</th> <th style="text-align: center;">Nov. (6)</th> </tr> </thead> <tbody> <tr> <td>Registration deadline:</td> <td style="text-align: right;">07.01.22</td> <td style="text-align: right;">08.04.22</td> <td style="text-align: right;">01.07.22</td> <td style="text-align: right;">09.09.22</td> </tr> <tr> <td>Sample Shipment:</td> <td style="text-align: right;">09.03.22</td> <td style="text-align: right;">08.06.22</td> <td style="text-align: right;">31.08.22</td> <td style="text-align: right;">09.11.22</td> </tr> <tr> <td>Closing Date:</td> <td style="text-align: right;">25.03.22</td> <td style="text-align: right;">24.06.22</td> <td style="text-align: right;">16.09.22</td> <td style="text-align: right;">25.11.22</td> </tr> </tbody> </table>						Mar. (2)	June (4)	Sep. (5)	Nov. (6)	Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22	Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22	Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22
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Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22																				

Infectious material, UN3373, biological substances category B.

Virus Detection (Genome/Antigen) – Influenza A and B Viruses incl. Avian Influenza A Viruses



Zeichhardt / Kammel

370

Samples: 1 set = 6 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates and allantoic fluids, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

This program may be completed with currently circulating influenza viruses.

Please note: these EQA samples are not suitable for virus propagation and immune fluorescence tests for antigen detection. Some of the samples can contain chemically inactivated avian influenza A viruses.

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for influenza A and B viruses and antigen testing
 Option for typing of seasonal and avian influenza A viruses

Cooperation with:
 Nationales Referenzzentrum für Influenza, Robert Koch-Institut, Berlin;
 Friedrich-Loeffler-Institut, Bundesforschungsinstitut für Tiergesundheit,
 Nationales Referenzlabor für Aviäre Influenza, Insel Riems

	Mar. (2)	Nov. (6)
Registration deadline:	07.01.22	09.09.22
Sample Shipment:	09.03.22	09.11.22
Closing Date:	25.03.22	25.11.22

Virus Detection (Genome/Antigen) – Respiratory Syncytial Virus



Zeichhardt / Kammel

359

Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-
 BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for RSV RNA and RSV antigen testing

Cooperation with:
 Institut für Virologie und Immunbiologie, Universität Würzburg;
 Institut für Virologie, Universitätsklinikum Düsseldorf;
 Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren,
 Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

! Infectious material, UN3373, biological substances category B.



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		<p>participation according to Rili-BÄK: biannually</p>
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for adenovirus DNA Determination of species of adenovirus Typing of adenovirus</p>		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma and suspensions of urine, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for BK virus DNA</p> <p>Cooperation with: Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml* or 0.5 ml** Sample properties: *Lyophilised cell culture lysates (inactivated) or ** lyophilised RNA eluate Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Bornaviruses – RNA</p> <p>Cooperation with: Friedrich-Loeffler-Institut, Bundesforschungsinstitut für Tiergesundheit, Institut für Virusdiagnostik, Insel Riems</p>		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

! Infectious material, UN3373, biological substances category B.

<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively (inactivated) Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CHIKV RNA</p> <p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg; Nationales Konsiliarlabor für FSME, Institut für Mikrobiologie der Bundeswehr, München</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



<p>Samples: 2 sets of samples; 1 set = 6 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Option for differentiation between SARS-CoV-2, MERS CoV and other human coronaviruses (samples which contain the SARS-CoV-2 and MERS CoV, respectively, are inactivated)</p> <p>coronaviruses (RNA) – qualitative without differentiation MERS coronavirus (RNA) – quantitative MERS coronavirus (RNA) – qualitative other human coronaviruses (RNA) – quantitative other human coronaviruses (RNA) – qualitative Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for SARS-CoV-2 SARS-CoV-2 (RNA) – qualitative</p> <p>For SARS-CoV-2: Results differentiated according to gene region.</p> <p>Cooperation with: Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin; Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main</p>		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

! Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA				
	Mar. (2) June (4) Sep. (5) Nov. (6)			
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22

Virus Genome Detection – Cytomegalovirus Program 2 – additional Training Program (can only be ordered with program 365)



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA	
The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.	
The training program (368) can only be ordered together with the corresponding main EQA scheme (365) for March.	
Separate certificates will be issued for the training program (368) and the main EQA scheme (365, subject to RiliBÄK-B3).	
Cooperation with: Nationale Konsiliarlabore für Cytomegalievirus (CMV): Institut für Virologie, Universitätsklinikum Ulm; Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen	
	Mar. (2)
Registration deadline:	07.01.22
Sample Shipment:	09.03.22
Closing Date:	25.03.22

Virus Genome Detection – Cytomegalovirus Resistance Determination



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	
Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for CMV resistance determination	
Cooperation with: Nationale Konsiliarlabore für Cytomegalievirus (CMV): Institut für Virologie, Universitätsklinikum Ulm; Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen	
	Oct. (5)
Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	07.10.22

! Infectious material, UN3373, biological substances category B.

<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml (inactivated) Sample properties: Lyophilised plasma and cell culture lysates, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for denguevirus RNA Typing of denguevirus</p> <p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg; Nationales Konsiliarlabor für FSME, Institut der Bundeswehr, München</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>			<p>participation according to Rili-BÄK: biannually</p>
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for enterovirus RNA Typing of enterovirus</p>			
	June (4)	Nov. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	24.06.22	25.11.22	



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>			<p>participation according to Rili-BÄK: biannually</p>
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for EBV DNA</p>			
	June (4)	Nov. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	24.06.22	25.11.22	

! Infectious material, UN3373, biological substances category B.

Virus Genome Detection – Gastrointestinal Virus Panel for Multiplex Tests



Zeichhardt / Kammel

430

Samples: 1 set = 3 samples of 1.1 ml
 Sample properties: Lyophilised suspension of feces and cell culture lysates, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of gastrointestinal adeno, astro, entero, noro, parecho, rota and sapoviruses, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.

Please note: Only results of multiplex tests will be accepted for EQA scheme 430

This multiplex EQA scheme is not suitable for 'singleplex' PCRs, tests for antigen detection, testing of sensitivity and typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

Virus Genome Detection – Hepatitis A Virus



Zeichhardt / Kammel

377

Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HAV RNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) incl. sequencing for HBV genotyping

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
 Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen;
 WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

Nov. (6)

Registration deadline:	09.09.22
Sample Shipment:	09.11.22
Closing Date:	25.11.22



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (378) can only be ordered together with the corresponding main EQA scheme (361) for March.

Separate certificates will be issued for the training program (378) and the main EQA scheme (361, subject to RiliBÄK-B3).

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
 Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen

Mar. (2)

Registration deadline:	07.01.22
Sample Shipment:	09.03.22
Closing Date:	25.03.22

! Infectious material, UN3373, biological substances category B.

Virus Genome Detection – Hepatitis B Virus Resistance Determination



Zeichhardt / Kammel

397

Samples: 2 sets of samples; 1 set = 4 samples
 Sample properties: Plasmids in water and lyophilised plasma, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HBV resistance determination

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
 Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen

Oct. (5)

Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	07.10.22

Virus Genome Detection – Hepatitis C Virus -Resistance Determination



Zeichhardt / Kammel

399

Samples: 1 set; 4 samples of 0.5 ml
 Sample properties: Sera and plasma, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HCV resistance determination

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Medizinisches Infektiologiezentrum Berlin;
 Institut für Virologie, Universitätsklinikum Essen

Oct. (5)

Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	07.10.22

Virus Genome Detection – Hepatitis C Virus Geno-/Subtyping



Zeichhardt / Kammel

375

Samples: 3-4 samples of 1.1 ml
 Sample properties: Lyophilised sera and plasma, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

participation according to Rili-BÄK: yearly

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV geno- and subtype differentiation

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Medizinisches Infektiologiezentrum Berlin;
 Institut für Virologie, Universitätsklinikum Essen

Sep. (5)

Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	16.09.22

Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22

Virus Genome Detection – Hepatitis C Virus Program 2 – additional Training Program (can only be ordered with program 362)



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (379) can only be ordered together with the corresponding main EQA scheme (362) for March.

Separate certificates will be issued for the training program (379) and the main EQA scheme (362, subject to RiliBÄK-B3).

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie, Universitätsklinikum Essen

	Mar. (2)
Registration deadline:	07.01.22
Sample Shipment:	09.03.22
Closing Date:	25.03.22

Virus Genome Detection – Hepatitis D Virus



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HDV RNA

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
 Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen;
 WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22

! Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised sera, plasma and suspension of feces, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HEV RNA				
Cooperation with: Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV), Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22



Samples: 2 sets of samples; 1 set = 6 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for differentiation of HSV 1 and HSV 2 DNA		
Cooperation with: Nationales Konsiliarlabor für Herpes Simplex Virus Typen 1 und 2, Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)	
The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.	
The training program (382) can only be ordered together with the corresponding main EQA scheme (360) for March.	
Separate certificates will be issued for the training program (382) and the main EQA scheme (360, subject to RiliBÄK-B3).	
Cooperation with: Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München; Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main	
	Mar. (2)
Registration deadline:	07.01.22
Sample Shipment:	09.03.22
Closing Date:	25.03.22

! Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22

Virus Genome Detection – HIV-1 Drug Resistance Determination – Standard Program for Protease and Reverse Transcriptase Inhibitors

Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Buffer and plasma, respectively (non-lyophilised)
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Please note: The samples will contain plasmids and heat-inactivated cell culture supernatant viruses respectively!

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of protease inhibitors and reverse transcriptase inhibitors

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 IMD Labor Frankfurt;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
 Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen;
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln;
 Medizinisches Infektiologiezentrum Berlin

	Oct. (5)
Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	07.10.22

Virus Genome Detection – HIV-1 Drug Resistance Determination – additional Program for Integrase Inhibitors and Tropism Determination

Samples: 2 sets of samples; 1 set = 2 samples of 1.1 ml
 Sample properties: Plasma (non-lyophilised)
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Please note: The samples will contain heat-inactivated cell culture supernatant viruses!

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of integrase inhibitors and determination of tropism

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 IMD Labor Frankfurt;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
 Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen;
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln;
 Medizinisches Infektiologiezentrum Berlin

	Oct. (5)
Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	07.10.22

! Infectious material, UN3373, biological substances category B.



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma and sera, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-2 (RNA)</p> <p>Cooperation with: Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München; Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main</p>		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 6 (HHV-6) – DNA</p> <p>Cooperation with: Institut für Virologie, Universitätsklinikum Düsseldorf</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 8 (HHV-8) – DNA</p> <p>Cooperation with: Institut für Virologie, Medizinische Hochschule Hannover</p>		
	Mar. (2)	
Registration deadline:	07.01.22	
Sample Shipment:	09.03.22	
Closing Date:	25.03.22	

Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human metapneumovirus RNA

Cooperation with:
 Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie und Immunbiologie, Universität Würzburg;
 Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



Samples: 2 sets of samples; 1 set = 5 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates and biopsy materials, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and hybridization for HPV DNA
 Differentiation of ‚high risk‘ and ‚low risk‘ types, and typing of ‚high risk‘ HPV and ‚low risk‘ HPV

Cooperation with:
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HRV RNA
 Typing of human rhinovirus

Cooperation with:
 Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie und Immunbiologie, Universität Würzburg;
 Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

! Infectious material, UN3373, biological substances category B.



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma and suspensions of urine, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for JC virus DNA</p> <p>Cooperation with: Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>			<p>participation according to Rili-BÄK: biannually</p>
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for measles virus RNA Typing of measles virus</p> <p>Cooperation with: Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin; Institut für Virologie, Universität Leipzig</p>			
	July (4)	Dec. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	08.07.22	09.12.22	



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>			<p>participation according to Rili-BÄK: biannually</p>
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for mumps virus RNA Typing of mumps virus</p> <p>Cooperation with: Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin; Institut für Virologie, Universität Leipzig</p>			
	July (4)	Dec. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	08.07.22	09.12.22	

! Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised suspension of feces
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for norovirus RNA with the option for differentiation in genogroup I and II

Cooperation with:
 Nationales Konsiliarlabor für Noroviren, Robert Koch-Institut, Berlin;
 Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV),
 Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg;
 Institut für Virologie, Medizinische Hochschule Hannover

	Mar. (2)	Nov. (6)
Registration deadline:	07.01.22	09.09.22
Sample Shipment:	09.03.22	09.11.22
Closing Date:	25.03.22	25.11.22

Virus Genome Detection –
 Panel for Viral Meningitis / Encephalitis for Multiplex Tests



Samples: 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of adenoviruses , cytomegalovirus, enteroviruses , Epstein Barr virus, herpes simplex virus type 1, herpes simplex virus type 2, human herpesvirus 6, parechovirus and varicella zoster virus, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.

Please note: Only results of multiplex tests will be accepted for EQA scheme 433

This multiplex EQA scheme is not suitable for 'singleplex' PCRs, tests for antigen detection, testing of sensitivity and typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

! Infectious material, UN3373, biological substances category B.



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parainfluenza virus RNA Typing of parainfluenza virus</p> <p>Cooperation with: Institut für Virologie, Universitätsklinikum Düsseldorf; Institut für Virologie und Immunbiologie, Universität Würzburg; Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>		
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Parechovirus (RNA)</p> <p>Cooperation with: Nationales Referenzzentrum für Poliomyelitis und Enteroviren, Robert Koch-Institut, Berlin</p>		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>				<p>participation according to Rili-BÄK: biannually</p>
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parvovirus B19 DNA</p>				
	Mar. (2)	June (4)	Sep. (5)	
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22

! Infectious material, UN3373, biological substances category B.

<p>Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised samples (inactivated, vaccine) Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months</p>	
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rabies virus RNA</p> <p>Cooperation with: Nationales Konsiliarlaboratorium für Tollwut, Institut für Virologie, Universitätsklinikum Essen</p>	
	Sep. (5)
Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	16.09.22

Virus Genome Detection –
 Respiratory Virus Panel 1 for Multiplex Tests



<p>Samples: 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised cell culture lysates Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>	
<p>Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of respiratory adeno, boca, corona, entero, human metapneumo, human rhino, influenza A and B viruses incl. avian influenza A viruses, parecho, parainfluenza, respiratory syncytial viruses and SARS-CoV-2 (inactivated), respectively.</p> <p>This program will be completed with currently circulating virus variants.</p> <p>Some of the samples can contain chemically inactivated avian influenza A viruses.</p> <p>The requirements of the RilibÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.</p> <p>This EQA scheme will contain each of the above-mentioned pathogens at least once a year. It is recommended to participate at both EQA scheme terms.</p> <p>Please note: Only results of multiplex tests will be accepted for EQA scheme 431</p> <p>This multiplex EQA scheme is not suitable for 'singleplex' PCRs, tests for antigen detection, testing of sensitivity and typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.</p>	
	June (4) Nov. (6)
Registration deadline:	08.04.22 09.09.22
Sample Shipment:	08.06.22 09.11.22
Closing Date:	24.06.22 25.11.22

! Infectious material, UN3373, biological substances category B.



Samples: 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of influenza A and B viruses incl. avian influenza A viruses, respiratory syncytial viruses (groups A and B) and SARS-CoV-2 (inactivated).

This program will be completed with currently circulating virus variants.

Some of the samples can contain chemically inactivated avian influenza A viruses.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

Please note: Only results of multiplex tests will be accepted for EQA scheme 432

This multiplex EQA scheme is not suitable for 'singleplex' PCRs, tests for antigen detection, testing of sensitivity and typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised suspension of feces
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rotavirus RNA
 Typing of rotavirus

Cooperation with:
 Nationales Konsiliarlabor für Rotaviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rubella virus RNA
 Typing of rubella virus

Cooperation with:
 Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin;
 Institut für Virologie, Universität Leipzig

	July (4)	Dec. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	08.07.22	09.12.22



Samples: 2 sets of samples; 1 set = 5 samples of 1.1 ml
 Sample properties: Lyophilised cell culture supernatants
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

The sample set contains defined samples with SARS-CoV-2 (full virus, inactivated) and, if necessary, samples with human coronaviruses (not inactivated, risk group 2).

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for SARS-CoV-2

Results differentiated according to gene region.

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22

Samples: 2 sets of samples; 1 set = 3-5 samples of 1.1 ml
 Sample properties: Lyophilized cell culture supernatants (inactivated)
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Determination and differentiation of SARS-CoV-2 Variants of Concern (VOC) by sequencing or point mutation analysis

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Medizinisches Infektologiezentrum Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
 Abt. Methodenentwicklung und Forschungsinfrastruktur, Robert Koch-Institut, Berlin

	Apr. (2)	July (4)	Sep. (5)	Dec. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	08.04.22	08.07.22	30.09.22	09.12.22

! Infectious material, UN3373, biological substances category B.



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months	
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Torque teno virus (TTV) DNA Cooperation with: Institut für Virologie, Uniklinik Köln	
	Sep. (5)
Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	16.09.22



Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for VZV DNA		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

Samples: 2 sets of samples; 1 set = 6 samples of 1.1 ml Sample properties: Lyophilised plasma and cell culture lysates, respectively (inactivated) Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		participation according to Rili-BÄK: biannually		
Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for West Nile virus RNA Typing of West Nile virus (Lineage determination)				
Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg; Nationales Konsiliarlabor für FSME, Institut für Mikrobiologie der Bundeswehr, München				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22

Samples: 2 sets of samples; 1 set = 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates (inactivated)
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Zika virus RNA
 Typing of Zika virus (Lineage determination)

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22

Virus Immunology – Borna Viruses (Ab)

Zeichhardt / Kammel

415

<p>Samples: 10 samples of 100 µl Sample properties: Serum and plasma, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months</p>	
<p>Anti-borna virus IgG</p> <p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research, Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg</p>	
June (4)	
Registration deadline:	08.04.22
Sample Shipment:	08.06.22
Closing Date:	24.06.22

Virus Immunology – Chikungunya Virus (Ab)

Zeichhardt / Kammel

402

<p>Samples: 4 samples of 0.3 ml Sample properties: Serum (inactivated in case of chikungunya virus RNA positive samples) Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months</p>	
Anti-CHIKV IgG	Anti-CHIKV IgG – avidity Anti-CHIKV IgM
<p>Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg</p>	
Sep. (5)	
Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	16.09.22

Virus Immunology – Cytomegalovirus (Ab)



Zeichhardt / Kammel

351

<p>Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months</p>	
Anti-CMV IgG	Anti-CMV IgG – avidity Anti-CMV IgM
	Mar. (2) June (4) Sep. (5) Nov. (6)
Registration deadline:	07.01.22 08.04.22 01.07.22 09.09.22
Sample Shipment:	09.03.22 08.06.22 31.08.22 09.11.22
Closing Date:	25.03.22 24.06.22 16.09.22 25.11.22

! Infectious material, UN3373, biological substances category B.

Samples: 4 samples of 0.3 ml Sample properties: Serum (inactivated in case of dengue virus RNA positive samples) Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Anti-dengue virus IgG clinical interpretation	Anti-dengue virus IgM	dengue virus-NS1 Ag
Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22



Samples: 2 samples of 0.6 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Antibodies against EBV with and without differentiation of antigen specificity (incl. avidity) and heterophilic antibodies clinical interpretation		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

Samples: 4 samples of 0.5 ml Sample properties: Serum (inactivated in case of Hantavirus RNA positive samples) Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Antibodies against hantaviruses (IgG and IgM) and differentiation of serotype specific antibodies Status of hantavirus infection		
Cooperation with: Nationales Konsiliarlabor für Hantaviren, Charité – Universitätsmedizin Berlin, Campus Mitte, Institut für Virologie, Berlin		
	Mar. (2)	Sep. (5)
Registration deadline:	07.01.22	01.07.22
Sample Shipment:	09.03.22	31.08.22
Closing Date:	25.03.22	16.09.22

! Infectious material, UN3373, biological substances category B.



Samples: 4 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					participation according to Rili-BÄK: biannually
Anti-HAV IgG / Anti-HAV total		Anti-HAV IgM			
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)	
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22	
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22	
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22	

Virus Immunology –
Hepatitis B Virus Program 1 (HBsAg, Anti-HBs, Anti-HBc)



Samples: 12 samples Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					participation according to Rili-BÄK: biannually
HBsAg (1 ml) Anti-HBc (0.75 ml)		Confirmation test HBsAg	Anti-HBs (0.75 ml)		
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)	
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22	
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22	
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22	

Virus Immunology –
Hepatitis B Virus Program 2 (Anti-HBc-IgM, HBeAg, Anti-HBe)



Samples: 6 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months					participation according to Rili-BÄK: biannually
Anti-HBc IgM		HBeAg	Anti-HBe		
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)	
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22	
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22	
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22	



Samples: 4 samples of 0.5 ml
 Sample properties: Serum and plasma, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

participation according to Rili-BÄK: biannually

Screening test anti-HCV and combined detection anti-HCV and HCV antigen
 HCV antigen
 Complementary test (blot) anti-HCV

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22



Samples: 2 samples of 0.5 ml
 Sample properties: Serum and plasma, respectively
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Anti-HDV IgG / Anti-HDV total

Anti-HDV IgM

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 12 months

Anti-HEV IgG

Anti-HEV IgM

	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

! Infectious material, UN3373, biological substances category B.



Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			
Anti-HSV 1/2 IgG Anti-HSV 1 IgG – avidity Anti-HSV 1/2 IgM	Anti-HSV 1/2 IgG – avidity Anti-HSV 2 IgG Anti-HSV 1 IgM	Anti-HSV 1 IgG Anti-HSV 2 IgG – avidity Anti-HSV 2 IgM	
		June (4)	Nov. (6)
Registration deadline:		08.04.22	09.09.22
Sample Shipment:		08.06.22	09.11.22
Closing Date:		24.06.22	25.11.22



Samples: 2 samples of 0.75 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually	
HIV-1 p24 Ag	HIV-1 p24 Ag Confirmation test			
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22



Samples: 4 samples of 0.75 ml Sample properties: Serum and plasma, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually	
Screening test anti-HIV-1 / anti-HIV-2 (3rd and 4th Generation) Confirmation test (blot and other confirmatory test) anti-HIV-1 / anti-HIV-2 Confirmation test (blot and other confirmatory test) anti-HIV-1 Confirmation test (blot and other confirmatory test) anti-HIV-2				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22



Samples: 4 samples of 0.5 ml Sample properties: Serum and plasma, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Screening test anti-HTLV-1 / anti-HTLV-2 Confirmation test (Blot and other confirmation test) anti-HTLV-1 / anti-HTLV-2		
Cooperation with: Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München; Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen		
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22



Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually
Anti-measles virus IgG	Anti-measles virus IgG – avidity	Anti-measles virus IgM	
	June (4)	Nov. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	24.06.22	25.11.22	



Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually
Anti-mumps virus IgG Anti-mumps virus IgM	Anti-mumps virus IgG – avidity		
	June (4)	Nov. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	24.06.22	25.11.22	

! Infectious material, UN3373, biological substances category B.



Samples: 4 samples of 0.5 ml Sample properties: Serum and plasma, respectively Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Anti-parvovirus B19 IgG	Anti-parvovirus B19 IgG – avidity	Anti-parvovirus B19 IgM
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

Samples: 2 samples of 0.5 ml Sample properties: Serum and plasma, respectively (vaccinee) Shipping Information: Shipping at ambient temperature Certificate Validity: 24 months		
Anti-rabies Virus		
Cooperation with: Nationales Konsiliärlabor für Tollwut, Institut für Virologie, Universitätsklinikum Essen		
	Sep. (5)	
Registration deadline:	01.07.22	
Sample Shipment:	31.08.22	
Closing Date:	16.09.22	



Samples: 2 samples of 0.8 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually
Anti-rubella virus IgG	Anti-rubella virus IgG – avidity		
Anti-rubella virus IgM			
	June (4)	Nov. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	24.06.22	25.11.22	

! Infectious material, UN3373, biological substances category B.

Samples: 4 samples of 0.5 ml Sample properties: native patient serum or patient plasma (not re-calcified) Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months				
Each panel member contains patient serum or patient plasma from one individual donor only.				
Anti-SARS-CoV-2 total (without differentiation of IgG, IgA and IgM) Anti-SARS-CoV-2 IgG Anti-SARS-CoV-2 IgG avidity Anti-SARS-CoV-2 IgA Anti-SARS-CoV-2 IgM				
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	07.01.22	08.04.22	01.07.22	09.09.22
Sample Shipment:	09.03.22	08.06.22	31.08.22	09.11.22
Closing Date:	25.03.22	24.06.22	16.09.22	25.11.22

Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months		
Anti-TBE/FSME virus IgG	Anti-TBE/FSME virus IgG – avidity	Anti-TBE/FSME virus IgM
	June (4)	Nov. (6)
Registration deadline:	08.04.22	09.09.22
Sample Shipment:	08.06.22	09.11.22
Closing Date:	24.06.22	25.11.22

Samples: 2 samples of 0.5 ml Sample properties: Serum Shipping Information: Shipping at ambient temperature Certificate Validity: 12 months			participation according to Rili-BÄK: biannually
Anti-VZV IgG	Anti-VZV IgG – avidity	Anti-VZV IgM	
	June (4)	Nov. (6)	
Registration deadline:	08.04.22	09.09.22	
Sample Shipment:	08.06.22	09.11.22	
Closing Date:	24.06.22	25.11.22	

 Infectious material, UN3373, biological substances category B.

Samples: 2 samples of 0.3 ml
 Sample properties: Serum (inactivated in case of Zika virus RNA positive samples)
 Shipping Information: Shipping at ambient temperature
 Certificate Validity: 24 months

Anti-ZIKV IgG Anti-ZIKV IgG – avidity Anti-ZIKV IgM

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

Sep. (5)

Registration deadline:	01.07.22
Sample Shipment:	31.08.22
Closing Date:	16.09.22

Online Training Preanalytics

Falck / Wojtalewicz

901

Online questionnaire with at least 20 questions and training material on various preanalytical topics. This training is only intended for participants with previous knowledge in the field of preanalytics.

The solution is presented immediately after each question and contains detailed expert comments to increase the learning effect. If the training is passed successfully, participants will receive a certificate. Otherwise a confirmation of participation will be issued.

No samples will be sent!

Only one registration per participant number possible.

	Mar. (2)	Sep. (5)
Registration deadline:	25.02.22	26.08.22
Sample Shipment:	14.03.22	12.09.22
Closing Date:	25.03.22	23.09.22

Online Training Urine Sediment

Falbo / Wojtalewicz

902

The training consists of two parts: Part 1 deals with particle identification, as well as pre- and post-analytical questions concerning urine sediment analysis. Part 2 deals with further diagnosis based on additionally provided medical data. You can do one or both parts. Each part is evaluated separately.

The solution is presented immediately after each question and contains detailed expert comments to increase the learning effect. If the training is passed successfully, participants will receive a certificate. Otherwise a confirmation of participation will be issued. This training is only intended for participants with previous knowledge in the field of urine sediment.

This online training does not replace the EQA 172 – Urine Chemistry 06 (Sediment Pictures)

No samples will be sent!

Only one registration per participant number possible.

	June (4)	Nov. (6)
Registration deadline:	27.05.22	21.10.22
Sample Shipment:	13.06.22	07.11.22
Closing Date:	24.06.22	18.11.22

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