CLEAN

Cleaner Cassette

Order information

REF	CONTENT		Analyzer(s) on which **cobas c** pack(s) can be used
20764337 322	Cleaner Cassette (150 tests)	System-ID 07 6433 7	COBAS INTEGRA 400 plus COBAS INTEGRA 800

English

System information

Test EWC-S, test ID 0-989 on COBAS INTEGRA 800 analyzer

Intended use

Wash solution for Extra Wash Cycles for reagent needles on COBAS INTEGRA 400 plus/800 systems and for the Extra Wash Cycle Test for sample needles on COBAS INTEGRA 800 system.

Summary

Reagent and sample probe washes may be required due to potential interference from other reagents or samples. These special washes maintain reagent and sample integrity.

Extra wash cycles are designed to improve the effectiveness of sample/reagent needle cleaning on COBAS INTEGRA 400 plus analyzers and of reagent needle cleaning on COBAS INTEGRA 800 analyzers. They are only required for specific reagent combinations; washes may be added as needed.

The COBAS INTEGRA 800 Extra Wash Cycle test is designed to improve the effectiveness of sample needle cleaning. The test is only required when specific applications are used. Where necessary, information on the use of the Extra Wash Cycle test is included in the “Limitations - interference” section of the method sheets.

Reagents - working solutions

NaOH 1 mol/L

Precautions and warnings

Pay attention to all precautions and warnings listed in Section 1 / Introduction of this Method Manual.

For USA: Caution: Federal law restricts this device to sale by or on the order of a physician.

This kit contains components classified as follows in accordance with the Regulation (EC) No. 1272/2008:

Danger

H314	Causes severe skin burns and eye damage.

Prevention:

P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

Disposal:

P501	Dispose of contents/container to an approved waste disposal plant.

Product safety labeling follows EU GHS guidance.

Contact phone: all countries: +49-621-7590, USA: 1-800-428-2336

Reagent handling

Ready for use

Handle this **cobas c** pack like any other reagent **cobas c** pack.

Storage and stability

Shelf life at 15-25 °C	See expiration date on **cobas c** pack label
COBAS INTEGRA 400 plus system	
On-board in use at 10-15 °C	12 weeks
COBAS INTEGRA 800 system	
On-board in use at 8 °C	12 weeks

Materials provided

See “Reagents – working solutions” section for reagents.

Assay

For optimum performance of the Extra Wash Cycles follow the directions given in this document for the analyzer concerned. Refer to the appropriate operator’s manual for analyzer-specific instructions.

Configuration of Extra Wash Cycles

COBAS INTEGRA 400 plus analyzer

All test combinations where extra wash cycles are necessary are listed in the table below.
The extra wash cycles (EWC) are also predefined in the *Test Application Software* (TAS) version.
When loading the EWC file out of the latest TAS version (under *Configuration/Processing/Extra Wash Cycles*) the EWC for all tests that are installed on the instrument will be loaded automatically. If test combinations requiring extra wash cycles (see table below *Test combination in use*) do not run on the instrument the EWC can be deactivated manually.
New extra wash cycles that are not yet implemented via TAS or lab-specific extra wash cycles can be programmed manually by entering the corresponding parameters for *Type, Test, Component, With,* and *Volume* (see also table below).

The content of **cobas c** pack CLEAN is sufficient for 200 to 300 wash cycles.

COBAS INTEGRA 800 analyzer

Information about reagent combinations requiring extra wash cycles are listed in the table below.
Extra wash cycles are not automatically loaded/updated during Test Application Software Update (TASU) but have to be programmed by entering the corresponding parameters manually under *Configuration/Processing/Extra Wash Cycles*.

The content of **cobas c** pack CLEAN is sufficient for 150 wash cycles.

Note
Tests with scheduled extra wash cycles are blocked if the COBAS INTEGRA Cleaner Cassette (CLEAN) is empty or unavailable.

COBAS INTEGRA 800 Extra Wash Cycle Test for sample needles

Test procedure

Due to sample carry-over, it is recommended to work on affected applications in batch mode. The extra wash cycle test should be performed prior to batch operation to clean the two sample needles.

Ensure there is no sample/calibrator/control rack onboard before starting batch operation. A **cobas c** pack CLEAN (Cat. No. 20764337 322) with at

least 4 remaining tests should be onboard the system and the **cobas c** pack status either “In use” or “Ready”.
Place 400 µL of ISE Deproteinizer (Cat. No. 20763071 122) or 400 µL of 0.1 M NaOH in an appropriate sample cup (e.g. sample cup with hole, Cat. No. 21044869 001, or Microcup, Cat. No. 11406680 001) and place the sample in its predefined position.

Note
Do not take ISE Deproteinizer from an ISE Deproteinizer bottle in use on the instrument, as otherwise cleaning of the ISE module and/or sample needle during “Begin of day” actions cannot be guaranteed.

Place the batch mode samples in their predefined positions.

Creating orders

The EWC-S test (0-989) must be performed 4 times before commencing batch operation.
Order the EWC-S test twice as STAT from the ISE Deproteinizer/0.1 M NaOH sample first. As the EWC-S test is designed to run duplicate, ordering twice is sufficient.

Note
There should be no other STAT orders within this run.

Create orders for the batch samples.

Loading racks on analyzer/System start

Note
Do not insert sample racks before creating the extra wash cycle test order (EWC-S) for the ISE Deproteinizer/0.1 M NaOH sample.

Insert the rack into the COBAS INTEGRA 800 system. If the analyzer does not autostart, press the start button.

COBAS INTEGRA 800 test definition

Test ID	0-989
Test short name	EWC-S (user modifiable)
Measuring mode	Absorbance
Abs. calculation mode	Endpoint
Reaction mode	R1-S-SR
Reaction direction	Increase
Wavelength A/B	340 nm
Calc. first/last	1/98
Test range	(0-2; not relevant)
Postdilution factor	No
Unit	No

Pipetting parameters

ISE Deproteinizer or 0.1 M NaOH (as sample)

R1	150 µL
Sample	45 µL
SR	50 µL

Calibration

No calibration needed, fixed factor.

Extra wash cycles (EWC list)

The tables on the following pages list all tests that require extra wash cycles under certain circumstances.

A point (period/stop) is always used in this Method Sheet as the decimal separator to mark the border between the integral and the fractional parts of a decimal numeral. Separators for thousands are not used.

Symbols

Roche Diagnostics uses the following symbols and signs in addition to those listed in the ISO 15223-1 standard (for USA: see https://usdiagnostics.roche.com for definition of symbols used):

CONTENT	Contents of kit
→	Volume after reconstitution or mixing
GTIN	Global Trade Item Number

FOR US CUSTOMERS ONLY: LIMITED WARRANTY

Roche Diagnostics warrants that this product will meet the specifications stated in the labeling when used in accordance with such labeling and will be free from defects in material and workmanship until the expiration date printed on the label. THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT SHALL ROCHE DIAGNOSTICS BE LIABLE FOR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES.

CE

Roche Diagnostics GmbH, Sandhofer Strasse 116, D-68305 Mannheim
www.roche.com

Distribution in USA by:
Roche Diagnostics, Indianapolis, IN
US Customer Technical Support 1-800-428-2336

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COBAS INTEGRA 400 plus system

Reagent carry-over (primary)

Test combination in use		Extra wash cycle configuration				
		Type	Test	Component	With	Volume (µL)
A1CH2	AM1S2	before	AM1S2	SR	CLEAN	150
A1CH2	AM3S2	before	AM3S2	SR	CLEAN	150
A1CH2	AM5S2	before	AM5S2	SR	CLEAN	150
A1CH2	AM1Q2	before	AM1Q2	SR	CLEAN	150
A1CH2	AM3Q2	before	AM3Q2	SR	CLEAN	150
A1CH2	AM5Q2	before	AM5Q2	SR	CLEAN	150
A1CH2	AM5QC	before	AM5QC	SR	CLEAN	150
A1CH3	AM1S2	before	AM1S2	SR	CLEAN	150
A1CH3	AM3S2	before	AM3S2	SR	CLEAN	150
A1CH3	AM5S2	before	AM5S2	SR	CLEAN	150
A1CH3	AM1Q2	before	AM1Q2	SR	CLEAN	150
A1CH3	AM3Q2	before	AM3Q2	SR	CLEAN	150
A1CH3	AM5Q2	before	AM5Q2	SR	CLEAN	150
A1CH3	AM5QC	before	AM5QC	SR	CLEAN	150
A1CH3	UREL	after	A1CH3	R1	CLEAN	150
A1CH3	URELU	after	A1CH3	R1	CLEAN	150
A1CW2	AM1S2	before	AM1S2	SR	CLEAN	150
A1CW2	AM3S2	before	AM3S2	SR	CLEAN	150
A1CW2	AM5S2	before	AM5S2	SR	CLEAN	150
A1CW2	AM1Q2	before	AM1Q2	SR	CLEAN	150
A1CW2	AM3Q2	before	AM3Q2	SR	CLEAN	150
A1CW2	AM5Q2	before	AM5Q2	SR	CLEAN	150
A1CW2	AM5QC	before	AM5QC	SR	CLEAN	150
A1CW3	AM1S2	before	AM1S2	SR	CLEAN	150
A1CW3	AM3S2	before	AM3S2	SR	CLEAN	150
A1CW3	AM5S2	before	AM5S2	SR	CLEAN	150
A1CW3	AM1Q2	before	AM1Q2	SR	CLEAN	150
A1CW3	AM3Q2	before	AM3Q2	SR	CLEAN	150
A1CW3	AM5Q2	before	AM5Q2	SR	CLEAN	150
A1CW3	AM5QC	before	AM5QC	SR	CLEAN	150
A1CW3	UREL	after	A1CH3	R1	CLEAN	150
A1CW3	URELU	after	A1CH3	R1	CLEAN	150
ALB2	All	after	ALB2	SR	CLEAN	100
All	GENTM	before	GENTM	R1	CLEAN	100
All	GENTM	before	GENTM	SR	CLEAN	100
All	GENTM	before	GENTM	S	CLEAN	100
All	TPC3	before	TPC3	R1	CLEAN	150
All	TPC3	before	TPC3	SR	CLEAN	100
All	TPC3	before	TPC3	S	CLEAN	150
All	TPC3A**	before	TPC3A**	R1	CLEAN	150
All	TPC3A**	before	TPC3A**	SR	CLEAN	100
All	TPC3A**	before	TPC3A**	S	CLEAN	150
All	TPCUS**	before	TPCUS**	R1	CLEAN	150
All	TPCUS**	before	TPCUS**	SR	CLEAN	100

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Test combination in use		Extra wash cycle configuration				
		Type	**Test**	**Component**	**With**	**Volume (µL)**
All	TPCUS**	before	TPCUS**	S	CLEAN	150
All	TPU3	before	TPU3	R1	CLEAN	150
All	TPU3	before	TPU3	SR	CLEAN	100
All	TPU3	before	TPU3	S	CLEAN	150
All	TPU3A**	before	TPU3A**	R1	CLEAN	150
All	TPU3A**	before	TPU3A**	SR	CLEAN	100
All	TPU3A**	before	TPU3A**	S	CLEAN	150
All	TPUUS**	before	TPUUS**	R1	CLEAN	150
All	TPUUS**	before	TPUUS**	SR	CLEAN	100
All	TPUUS**	before	TPUUS**	S	CLEAN	150
AM1Q2	A1CH2	after	AM1Q2	R1	CLEAN	150
AM1Q2	A1CW2	after	AM1Q2	R1	CLEAN	150
AM1Q2	A1MG2*	after	AM1Q2	R1	CLEAN	150
AM1Q2	ALBC2	after	AM1Q2	R1	CLEAN	150
AM1Q2	ALBS2	after	AM1Q2	R1	CLEAN	150
AM1Q2	ALBU2	after	AM1Q2	R1	CLEAN	150
AM1Q2	GLDH3*	after	AM1Q2	R1	CLEAN	150
AM1Q2	C4-2	after	AM1Q2	R1	CLEAN	150
AM1S2	A1CH2	after	AM1S2	R1	CLEAN	150
AM1S2	A1CW2	after	AM1S2	R1	CLEAN	150
AM1S2	A1MG2*	after	AM1S2	R1	CLEAN	150
AM1S2	ALBC2	after	AM1S2	R1	CLEAN	150
AM1S2	ALBS2	after	AM1S2	R1	CLEAN	150
AM1S2	ALBU2	after	AM1S2	R1	CLEAN	150
AM1S2	GLDH3*	after	AM1S2	R1	CLEAN	150
AM1S2	C4-2	after	AM1S2	R1	CLEAN	150
AM3Q2	A1CH2	after	AM3Q2	R1	CLEAN	150
AM3Q2	A1CW2	after	AM3Q2	R1	CLEAN	150
AM3Q2	A1MG2*	after	AM3Q2	R1	CLEAN	150
AM3Q2	ALBC2	after	AM3Q2	R1	CLEAN	150
AM3Q2	ALBS2	after	AM3Q2	R1	CLEAN	150
AM3Q2	ALBU2	after	AM3Q2	R1	CLEAN	150
AM3Q2	GLDH3*	after	AM3Q2	R1	CLEAN	150
AM3Q2	C4-2	after	AM3Q2	R1	CLEAN	150
AM3S2	A1CH2	after	AM3S2	R1	CLEAN	150
AM3S2	A1CW2	after	AM3S2	R1	CLEAN	150
AM3S2	A1MG2*	after	AM3S2	R1	CLEAN	150
AM3S2	ALBC2	after	AM3S2	R1	CLEAN	150
AM3S2	ALBS2	after	AM3S2	R1	CLEAN	150
AM3S2	ALBU2	after	AM3S2	R1	CLEAN	150
AM3S2	GLDH3*	after	AM3S2	R1	CLEAN	150
AM3S2	C4-2	after	AM3S2	R1	CLEAN	150
AM5Q2	A1CH2	after	AM5Q2	R1	CLEAN	150
AM5Q2	A1CW2	after	AM5Q2	R1	CLEAN	150
AM5Q2	A1MG2*	after	AM5Q2	R1	CLEAN	150
AM5Q2	ALBC2	after	AM5Q2	R1	CLEAN	150

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Test combination in use		Extra wash cycle configuration				
		Type	Test	Component	With	Volume (µL)
AM5Q2	ALBS2	after	AM5Q2	R1	CLEAN	150
AM5Q2	ALBU2	after	AM5Q2	R1	CLEAN	150
AM5Q2	GLDH3*	after	AM5Q2	R1	CLEAN	150
AM5Q2	C4-2	after	AM5Q2	R1	CLEAN	150
AM5QC	A1CH2	after	AM5QC	R1	CLEAN	150
AM5QC	A1CW2	after	AM5QC	R1	CLEAN	150
AM5QC	A1MG2*	after	AM5QC	R1	CLEAN	150
AM5QC	ALBC2	after	AM5QC	R1	CLEAN	150
AM5QC	ALBS2	after	AM5QC	R1	CLEAN	150
AM5QC	ALBU2	after	AM5QC	R1	CLEAN	150
AM5QC	GLDH3*	after	AM5QC	R1	CLEAN	150
AM5QC	C4-2	after	AM5QC	R1	CLEAN	150
AM5S2	A1CH2	after	AM5S2	R1	CLEAN	150
AM5S2	A1CW2	after	AM5S2	R1	CLEAN	150
AM5S2	A1MG2*	after	AM5S2	R1	CLEAN	150
AM5S2	ALBC2	after	AM5S2	R1	CLEAN	150
AM5S2	ALBS2	after	AM5S2	R1	CLEAN	150
AM5S2	ALBU2	after	AM5S2	R1	CLEAN	150
AM5S2	GLDH3*	after	AM5S2	R1	CLEAN	150
AM5S2	C4-2	after	AM5S2	R1	CLEAN	150
AMY-P	AMYL2	after	AMY-P	R1	CLEAN	100
AMY-P	AMYU2	after	AMY-P	R1	CLEAN	100
AMYUP	AMYL2	after	AMYUP	R1	CLEAN	100
AMYUP	AMYU2	after	AMYUP	R1	CLEAN	100
CO1Q2	A1CH2	after	CO1Q2	R1	CLEAN	150
CO1Q2	A1CH2	after	CO1Q2	SR	CLEAN	100
CO1Q2	A1CW2	after	CO1Q2	R1	CLEAN	150
CO1Q2	A1CW2	after	CO1Q2	SR	CLEAN	100
CO1S2	A1CH2	after	CO1S2	R1	CLEAN	150
CO1S2	A1CH2	after	CO1S2	SR	CLEAN	100
CO1S2	A1CW2	after	CO1S2	R1	CLEAN	150
CO1S2	A1CW2	after	CO1S2	SR	CLEAN	100
CO3Q2	A1CH2	after	CO3Q2	R1	CLEAN	150
CO3Q2	A1CH2	after	CO3Q2	SR	CLEAN	100
CO3Q2	A1CW2	after	CO3Q2	R1	CLEAN	150
CO3Q2	A1CW2	after	CO3Q2	SR	CLEAN	100
CO3QC	A1CH2	after	CO3QC	R1	CLEAN	150
CO3QC	A1CH2	after	CO3QC	SR	CLEAN	100
CO3QC	A1CW2	after	CO3QC	R1	CLEAN	150
CO3QC	A1CW2	after	CO3QC	SR	CLEAN	100
CO3S2	A1CH2	after	CO3S2	R1	CLEAN	150
CO3S2	A1CH2	after	CO3S2	SR	CLEAN	100
CO3S2	A1CW2	after	CO3S2	R1	CLEAN	150
CO3S2	A1CW2	after	CO3S2	SR	CLEAN	100
DIGM	A1MG2*	after	DIGM	R1	CLEAN	150
DIGM	ALBC2	after	DIGM	R1	CLEAN	150

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Test combination in use		Extra wash cycle configuration				
		Type	**Test**	**Component**	**With**	**Volume (µL)**
DIGM	ALBS2	after	DIGM	R1	CLEAN	150
DIGM	ALBU2	after	DIGM	R1	CLEAN	150
DIGM	CK2	after	DIGM	R1	CLEAN	150
FRA	CHE2	after	FRA	R1	CLEAN	150
FRA	CHED2	after	FRA	R1	CLEAN	150
FRA	CHET2	after	FRA	R1	CLEAN	150
FRA	HAPT2	after	FRA	SR	CLEAN	100
HDLC3	IGA	after	HDLC3	R1	CLEAN	150
HDLC3	BZ1S2*	after	HDLC3	R1	CLEAN	150
HDLC3	BZ2S2*	after	HDLC3	R1	CLEAN	150
HDLC3	BZ3S2*	after	HDLC3	R1	CLEAN	150
HDLC3	BZ1Q2*	after	HDLC3	R1	CLEAN	150
HDLC3	BZ2Q2*	after	HDLC3	R1	CLEAN	150
HDLC3	BZ3Q2*	after	HDLC3	R1	CLEAN	150
HDLC3	BZQ1C*	after	HDLC3	R1	CLEAN	150
HDLC4	ALBC2	after	HDLC4	R1	CLEAN	150
HDLC4	ALBS2	after	HDLC4	R1	CLEAN	150
HDLC4	ALBU2	after	HDLC4	R1	CLEAN	150
HDLC4	CERU3	after	HDLC4	R1	CLEAN	150
LDL_C	LIPC	after	LDL_C	SR	CLEAN	150
LDL_C	TMPA	after	LDL_C	SR	CLEAN	150
LDLC3*	ALBC2	after	LDLC3*	R1	CLEAN	150
LDLC3*	ALBS2	after	LDLC3*	R1	CLEAN	150
LDLC3*	ALBU2	after	LDLC3*	R1	CLEAN	150
MD3Q2	A1CH2	after	MD3Q2	R1	CLEAN	150
MD3Q2	A1CH2	after	MD3Q2	SR	CLEAN	100
MD3Q2	A1CW2	after	MD3Q2	R1	CLEAN	150
MD3Q2	A1CW2	after	MD3Q2	SR	CLEAN	100
MD3Q2	CERU3	after	MD3Q2	R1	CLEAN	150
MD3Q2	CERU3	after	MD3Q2	SR	CLEAN	100
MD3QC	A1CH2	after	MD3QC	R1	CLEAN	150
MD3QC	A1CH2	after	MD3QC	SR	CLEAN	100
MD3QC	A1CW2	after	MD3QC	R1	CLEAN	150
MD3QC	A1CW2	after	MD3QC	SR	CLEAN	100
MD3QC	CERU3	after	MD3QC	R1	CLEAN	150
MD3QC	CERU3	after	MD3QC	SR	CLEAN	100
MD3S2	A1CH2	after	MD3S2	R1	CLEAN	150
MD3S2	A1CH2	after	MD3S2	SR	CLEAN	100
MD3S2	A1CW2	after	MD3S2	R1	CLEAN	150
MD3S2	A1CW2	after	MD3S2	SR	CLEAN	100
MD3S2	CERU3	after	MD3S2	R1	CLEAN	150
MD3S2	CERU3	after	MD3S2	SR	CLEAN	100
MYO2	AM1S2	after	MYO2	R1	CLEAN	150
MYO2	AM3S2	after	MYO2	R1	CLEAN	150
MYO2	AM5S2	after	MYO2	R1	CLEAN	150
MYO2	AM1Q2	after	MYO2	R1	CLEAN	150

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Test combination in use		Extra wash cycle configuration				
		Type	**Test**	**Component**	**With**	**Volume (µL)**
MYO2	AM3Q2	after	MYO2	R1	CLEAN	150
MYO2	AM5Q2	after	MYO2	R1	CLEAN	150
MYO2	AM5QC	after	MYO2	R1	CLEAN	150
OP2QL	A1CH2	after	OP2QL	R1	CLEAN	150
OP2QL	A1CH2	after	OP2QL	SR	CLEAN	100
OP2QL	A1CW2	after	OP2QL	R1	CLEAN	150
OP2QL	A1CW2	after	OP2QL	SR	CLEAN	100
OP3QC	A1CH2	after	OP3QC	R1	CLEAN	150
OP3QC	A1CH2	after	OP3QC	SR	CLEAN	100
OP3QC	A1CW2	after	OP3QC	R1	CLEAN	150
OP3QC	A1CW2	after	OP3QC	SR	CLEAN	100
OPI2S	A1CH2	after	OPI2S	R1	CLEAN	150
OPI2S	A1CH2	after	OPI2S	SR	CLEAN	100
OPI2S	A1CW2	after	OPI2S	R1	CLEAN	150
OPI2S	A1CW2	after	OPI2S	SR	CLEAN	100
OPI3Q	A1CH2	after	OPI3Q	R1	CLEAN	150
OPI3Q	A1CH2	after	OPI3Q	SR	CLEAN	100
OPI3Q	A1CW2	after	OPI3Q	R1	CLEAN	150
OPI3Q	A1CW2	after	OPI3Q	SR	CLEAN	100
OPIS	A1CH2	after	OPIS	R1	CLEAN	150
OPIS	A1CH2	after	OPIS	SR	CLEAN	100
OPIS	A1CW2	after	OPIS	R1	CLEAN	150
OPIS	A1CW2	after	OPIS	SR	CLEAN	100
OPIS6	A1CH2	after	OPIS6	R1	CLEAN	150
OPIS6	A1CH2	after	OPIS6	SR	CLEAN	100
OPIS6	A1CW2	after	OPIS6	R1	CLEAN	150
OPIS6	A1CW2	after	OPIS6	SR	CLEAN	100
QUINM	AM1S2	after	QUINM	R1	CLEAN	150
QUINM	AM3S2	after	QUINM	R1	CLEAN	150
QUINM	AM5S2	after	QUINM	R1	CLEAN	150
QUINM	AM1Q2	after	QUINM	R1	CLEAN	150
QUINM	AM3Q2	after	QUINM	R1	CLEAN	150
QUINM	AM5Q2	after	QUINM	R1	CLEAN	150
QUINM	AM5QC	after	QUINM	R1	CLEAN	150
T4	AT*	before	AT*	S	CLEAN	150
T-UP	AT*	before	AT*	S	CLEAN	150
TH1QP	A1CH2	after	TH1QP	R1	CLEAN	150
TH1QP	A1CH2	after	TH1QP	SR	CLEAN	100
TH1QP	A1CW2	after	TH1QP	R1	CLEAN	150
TH1QP	A1CW2	after	TH1QP	SR	CLEAN	100
TH2QP	A1CH2	after	TH2QP	R1	CLEAN	150
TH2QP	A1CH2	after	TH2QP	SR	CLEAN	100
TH2QP	A1CW2	after	TH2QP	R1	CLEAN	150
TH2QP	A1CW2	after	TH2QP	SR	CLEAN	100
TH5QC	A1CH2	after	TH5QC	R1	CLEAN	150
TH5QC	A1CH2	after	TH5QC	SR	CLEAN	100

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Test combination in use		Extra wash cycle configuration				
		Type	**Test**	**Component**	**With**	**Volume (µL)**
TH5QC	A1CW2	after	TH5QC	R1	CLEAN	150
TH5QC	A1CW2	after	TH5QC	SR	CLEAN	100
TH5QP	A1CH2	after	TH5QP	R1	CLEAN	150
TH5QP	A1CH2	after	TH5QP	SR	CLEAN	100
TH5QP	A1CW2	after	TH5QP	R1	CLEAN	150
TH5QP	A1CW2	after	TH5QP	SR	CLEAN	100
THS21	A1CH2	after	THS21	R1	CLEAN	150
THS21	A1CH2	after	THS21	SR	CLEAN	100
THS21	A1CW2	after	THS21	R1	CLEAN	150
THS21	A1CW2	after	THS21	SR	CLEAN	100
THS22	A1CH2	after	THS22	R1	CLEAN	150
THS22	A1CH2	after	THS22	SR	CLEAN	100
THS22	A1CW2	after	THS22	R1	CLEAN	150
THS22	A1CW2	after	THS22	SR	CLEAN	100
THS25	A1CH2	after	THS25	R1	CLEAN	150
THS25	A1CH2	after	THS25	SR	CLEAN	100
THS25	A1CW2	after	THS25	R1	CLEAN	150
THS25	A1CW2	after	THS25	SR	CLEAN	100
TPC3	CHE2	after	TPC3	R1	CLEAN	150
TPC3	CHED2	after	TPC3	R1	CLEAN	150
TPC3	CHET2	after	TPC3	R1	CLEAN	150
TPC3A**	CHE2	after	TPC3A**	R1	CLEAN	150
TPCUS**	CHE2	after	TPCUS**	R1	CLEAN	150
TPU3	CHE2	after	TPU3	R1	CLEAN	150
TPU3	CHED2	after	TPU3	R1	CLEAN	150
TPU3	CHET2	after	TPU3	R1	CLEAN	150
TPU3A**	CHE2	after	TPU3A**	R1	CLEAN	150
TPUUS**	CHE2	after	TPUUS**	R1	CLEAN	150
UA2	UREL	after	UA2	SR	CLEAN	100
UA2	URELU	after	UA2	SR	CLEAN	100
UAU2	UREL	after	UAU2	SR	CLEAN	100
UAU2	URELU	after	UAU2	SR	CLEAN	100
CLEAN = COBAS INTEGRA Cleaner Cassette						

*not available in the US; **only available in the US

Sample carry-over (primary)

Test combination in use		Extra wash cycle configuration				
		Type	**Test**	**Component**	**With**	**Volume (µL)**
All	IGGTC	before	IGGTC	S	CLEAN	100
CLEAN = COBAS INTEGRA Cleaner Cassette						

PPXS, PPXQL, PPXQC, MTQLS, MTQQL and **MTQQC** must not be run in parallel with **AM1S2, AM3S2, AM5S2, AM1Q2, AM3Q2, AM5Q2, AM5QC, BILT3*** and **3BILT****.

NH3L must not be run at the same time as **T4** and **GLDH3***.

DIGM must not be run at the same time as **CERU3**.

T4 and **T-UP** must not be run at the same time as **BARBS, BRBQL** and **BRBQC**.

*not available in the US; **only available in the US

CLEAN

Cleaner Cassette

COBAS INTEGRA 800 system

Reagent carry-over (primary)

cobas c pack combination in use	Extra wash cycle configuration	
A1C-2	IGGT	A1C-2/IGGT/CLEAN
ALBT2	IGGT	ALBT2/IGGT/CLEAN
AMY-P	AMYL2	AMY-P/AMYL2/CLEAN
DIG	A1MG2*	DIG/A1MG2/CLEAN
DIG	ALBT2	DIG/ALBT2/CLEAN
DIG	CERU	DIG/CERU/CLEAN
DIG	LSD	DIG/LSD/CLEAN
DIG	TPUC3	DIG/TPUC3/CLEAN
FRA	CHE2	FRA/CHE2/CLEAN
FRA	CHED2	FRA/CHED2/CLEAN
FRA	TP2	FRA/TP2/CLEAN
HCYS*	HBDH2*	HCYS/HBDH2/CLEAN
HCYS*	LDHI2	HCYS/LDHI2/CLEAN
HCYS*	LDHL	HCYS/LDHL/CLEAN
HDLC3	IGA	HDLC3/IGA/CLEAN
LDL_C	HDLC3	LDL_C/HDLC3/CLEAN
LDL_C	LIPC	LDL_C/LIPC/CLEAN
MDNII	CERU	MDNII/CERU/CLEAN
T4	AT*	T4/AT/CLEAN
T-UP	AT*	T-UP/AT/CLEAN
T-UP	BARB	T-UP/BARB/CLEAN
T-UP	SBARB	T-UP/SBARB/CLEAN
TPUC3	CHE2	TPUC3/CHE2/CLEAN
TPUC3	CHED2	TPUC3/CHED2/CLEAN
CLEAN = COBAS INTEGRA Cleaner Cassette		

*not available in the US

AMPII must not be run in parallel with **A1C-2**.

NH3L must not be run in parallel with **T4** or **GLDH3***.

*not available in the US

Please note that non-Roche reagents may cause carry-over interference. Roche is not responsible for any carry-over interference caused by non-Roche reagents.