

Group 443: HLA Diagnostics 04 - HLA Crossmatching (Date 3 - 2025)

Deadline: Apr 18, 2025

Note on handling the sample

Material: human serum (20 x 100µl) and platelet-depleted ACD blood (2x approx. 8 ml)

Recommended storage temperature until analysis: 2-8°C.

Shelf life of the whole blood approx. 72h-96h after shipment.

We recommend immediate processing after receipt of the samples due to the limited shelf life of whole blood samples.

Please be aware that as with all biological material of this nature the samples should be considered as potentially hazardous. Handle with caution and apply accepted standards and laboratory operation protocols.

Information on the EQAS

We offer the following certifications:

- HLA crossmatch using unseparated lymphocytes without dithiothreitol (DTT)
- HLA crossmatch using unseparated lymphocytes with DTT
- HLA crossmatch using isolated T lymphocytes without DTT
- HLA crossmatch using isolated T lymphocytes with DTT
- HLA crossmatch using isolated B lymphocytes without DTT
- HLA crossmatch using isolated B lymphocytes with DTT

Practical advice:

We recommend the following scheme for preparation of the 60well-Terasaki-crossmatch trays. Please apply 1µL of each serum in duplicates on the test trays (e.g. serum K1 in the positions E1 and F1 of the Terasaki tray). All participants must use in-house positive and negative controls in positions A1, B1, C1, and D1.



Group 443: HLA Diagnostics 04 - HLA Crossmatching (Date 3 - 2025)

Deadline: Apr 18, 2025

	A	B	C	D	E	F
1	Neg. Kontr.	Neg. Kontr.	Pos. Kontr.	Pos. Kontr.	K1	K1
2	K2	K2	K3	K3	K4	K4
3	K5	K5	K6	K6	K7	K7
4	K8	K8	K9	K9	K10	K10
5	K11	K11	K12	K12	K13	K13
6	K14	K14	K15	K15	K16	K16
7	K17	K17	K18	K18	K19	K19
8	K20	K20				
9						
10						

The use of dithiothreitol (DTT) is optional. Please divide the cells (unseparated lymphocytes, isolated T and B cells) in two separate fractions and resuspend one fraction with medium containing DTT. The use of DTT with serum is not recommended.