

Analysis	Quantity/Material	Pre-analytics/Notes	Reference range	Frequency Test duration	Method
HLA typing: HLA-A*, -B*, -C*, -DRB1*, -DQB1*, -DPB1* low resolution (2-digit) high resolution (4-digit)	5-10 ml EDTA blood			1-2x / week 5-6 days	NGS
HLA typing: HLA-DQA1*, -DPA1* high resolution (4-digit)	3 ml EDTA blood			as needed 5-6 days	NGS
HLA antibodies Detection and specification	5 ml serum		not detectable	1x / week as needed	CDC test and Flow cytometry (Luminex)
HLA antibodies Crossmatch autologous	5 ml serum <u>and</u> 4 ml Lithium heparin blood	Do not cool or centrifuge lithium heparin blood, samples must be in the laboratory within 24h!	not detectable	as needed 1 day	CDC test
HLA antibodies Crossmatch with donor	5 ml serum from patient <u>and</u> 4 ml Lithium heparin blood from donor	Do not cool or centrifuge lithium heparin blood, samples must be in the laboratory within 24h!	not detectable	as needed 1 day	CDC test
Genotype for chimerism analysis	3 ml EDTA blood or 3ml bone marrow			Tuesday and Thursday 1 day	STR analysis

Request forms for the analyses are available in the download area of our homepage.