

Typing for	Clinicians	Registration or Research
Purpose	patient related pre-typing, confirmatory typing, verification typing for patients, relatives and unrelated donors	stem cell donor pre-typing, research
Sample Material for Typing	buccal swabs blood DNA	buccal swabs blood DNA
Method	NGS (or rSSO)	NGS
Resolution HLA Typing	high resolution, long range	high resolution based on exon 2 and 3
Processing	single sample processing	automated batch processing
Turnaround Time	between 1-7 working days	20 working days
Result Submission	tabular form or standard report electronical and/or via postal service	electronical, in tabular form
Further Option	signed clinical report	/
Reagents	developed and validated in-house or CE-IVD kits	developed and validated in-house
Standard Profile	HLA-A, -B, -C, -DRB1, -DQB1, -DPB1	HLA-A, -B, -C, -DRB1, -DQB1, -DPB1, -DPA1, -DQA1, -DRB3/4/5
Optional Profile	HLA-DPA1, -DQA1, -DRB3/4/5	HLA-E
Additional Parameters		blood groups - ABO and RhD KIR genes - presence/absence or - allelic level CCR5 Δ 32 - mutation of the CCR5 receptor MICA/B
Optional Analyses	antibody screening and specification tests (CDC and Luminex) crossmatch testing (CDC) – upon request	CMV Status - IgG antibody testing (Cytomegalovirus) determined from buccal swab samples
Additional Services on Request		provision of sample collection kits

For further information, please visits: dkms-lab.de

To request a service, please write an email to: typing@dkms-lab.de