

Certificate of the External Proficiency Testing on HLA typing and crossmatching 2024; Center: PGD

Typing: The participating laboratory must report the HLA-A, B, C and HLA-DRB1, DRB3/4/5, DQA1, DQB1, DPA1, DPB1 and DRB3-4-5 typing of the samples. Typing for Bw4 and Bw6 is optional. The Eurotransplant Reference Laboratory (ETRL) as organizer stands for the correct typing. The participants may use serology by complement dependent cytotoxicity CDC and/or DNA for the typing of HLA class I and must use DNA for HLA class II. The results must be reported as matching determinants following the Eurotransplant recommendation (see the latest version of the ET-Manual, Histocompatibility part, www.eurotransplant.org). The Eurotransplant Reference Laboratory follows the recommendation of the Committee for External Proficiency Testing of the European Federation for Immunogenetics (www.efiweb.org), unless otherwise specified in the Eurotransplant Manual. The number of samples sent to the participants was 12.

Results:

Number of cells typed: 12/12
Number of concordant results: 12/12
Technique(s) used:

Conclusion: the participant with the code **PGD fulfills** the criteria released by Eurotransplant (latest version of the Manual)

Crossmatching: The participating laboratory must report the results of the CDC crossmatch of selected sera used for the EPT on antibody testing and the cells of the EPT on typing as targets (a minimum of 12 target cells x 3 sera = 36 crossmatches). The analysis is performed on basis of the 75% consensus between participating laboratories and maximum of 15% discrepancies is accepted. The participant must perform all crossmatches indicated by the ETRL. A minimum of 20 cross-match reports including at least 10 different sera is necessary to fulfill EFI criteria. ETRL as organizer follows the recommendation of the Committee for External Proficiency Testing of the European Federation for Immunogenetics (www.efiweb.org), unless otherwise specified in the Eurotransplant manual (www.eurotransplant.org). The results are presented as the ratio of the number of concordant versus all reported results. The number of crossmatches shipped to the participants was 36.

Results:

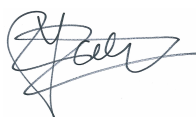
Number of crossmatches performed: 36/36
Number of concordant results:

Unseparated		T cells		B cells	
(-) DTT	(+) DTT	(-) DTT	(+) DTT	(-) DTT	(+) DTT
34/36	35/36	-	-	36/36	36/36

Conclusion: The participant with the code **PGD fulfills** the criteria released by Eurotransplant (latest version of the Manual)



Dr. Gonca Karahan



Y.M. Zoet