Certificate of the External Proficiency Testing on Antibody Detection and Antibody Identification 2024; Center: PGD

Antibody detection: The participating laboratory must report the method(s) used for screening and the presence of HLA class I and II antibodies. The reactivity with and without the addition of dithiothreitol (DTT) in CDC must be reported by Eurotransplant affiliated centers. The participant must use methods as applied for its patients. Additional methods are accepted. The Eurotransplant Reference Laboratory (ETRL) follows the recommendation of the Committee for External Proficiency Testing of the European Federation for Immunogenetics (EFI; www.efiweb.org), unless otherwise stated in the Eurotransplant manual (www.eurotransplant.org). A discrepancy is marked when the participant failed to report the results obtained by the consensus (75%). The participants must test all samples sent in the specific year (n=12).

Results: Tested: 12/12
Concordant results:

Luminex		ELISA		CDC		FCM	
Class I	Class II	Class I	Class II	-DTT	+DTT	Class I	Class II
12/12	12/12	-	-	12/12	12/12	-	-

Conclusion: The laboratory with the code: **PGD fulfills** the requirements for antibody detection of Eurotransplant.

Antibody Identification: The participating laboratory must report the HLA specificities determined per technique, with CDC being obligatory. The ETRL as organizer provided the sera and the HLA type of the serum donor and immunogen. The ETRL follows the recommendation of the Committee for External Proficiency Testing of EFI, unless otherwise stated in the Eurotransplant manual. A discrepancy is marked when the participant failed to report the results obtained by the consensus. The participants must test all samples sent in the specific year (n=0).

Results:

Solid Phase Assays with Single Antigen Beads for antibody identification (95% consensus)
Class I: 304/304 Consensus specificities. Class II: 114/114 Consensus specificities.
Conclusion: The laboratory with the code: **PGD fulfills** the requirements for antibody identification by solid phase assays with single antigen beads of Eurotransplant

Solid Phase Assays with Single Antigen Beads Complement Fixing Antibodies for antibody identification (95% consensus)
Class I: 34/34 Consensus specificities. Class II: 30/30 Consensus specificities.
Conclusion: The laboratory with the code: **PGD fulfills** the requirements for antibody identification by solid phase assays with single antigen beads Complement Fixing Antibodies of Eurotransplant

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