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UK NEQAS FOR H&I EDUCATIONAL SCHEME

HLA TYPING RESULTS OF SAMPLES ED01&02/2024

DISPATCHED ON 16TH JULY 2024

Sample ED01/2024 probable HLA type

HLA- A*02:01, A*24:02; B*15:01, B*56:01; C*03:04, C*07:01; **DRB1*01:91Q**, DRB1*08:01; DRB3*-, DRB4*-, DRB5*-,
 DQA1*01:01, DQA1*04:01; DQB1*04:02, DQB1*05:01; DPA1*01:03, DPA1*-; DPB1*04:01; DPB1*-

Sent as an example of DRB1*01:91Q

Results

26 out of 32 participants (81.3%) reported HLA-DRB1*01:91Q or DRB1*01:91 for this sample. There was 1 report (3.1%) of a string that included DRB1*01:91Q, and 4 reports (12.5%) of DRB1*01. 1 participant (3.1%) reported DRB1*01:01.

Reported type	Number of Participants (n=32)
DRB1*01:91Q	25
DRB1*01:91	1
DRB1*01:91Q string	1
01:01	1
01	4

Sample ED02/2024 probable HLA type

HLA-A*02:694, A*30:02; B*40:01, B*44:02; C*03:04, C*05:01; DRB1*03:01, DRB1*04:04; DRB3*01:01, DRB4*01:03;
 DQA1*03:01, DQA1*05:01; DQB1*02:01, DQB1*03:02; DPA1*01:03, DPA1*02:01; DPB1*06:01, DPB1*11:01

Sent as an example of A*02:694

Results

26 out of 31 participants (83.9%) reported HLA-A*02:694 for this sample. There were 3 reports (9.7%) of A*02, and 1 report (3.2%) of a string which did not include A*02:694, however the string appeared curtailed, possibly being too large for the text field, so it is unknown if A*02:694 would have been included or not. 1 participant (3.2%) reported A*01:01, however their reported genotype largely disagreed with the consensus for almost all loci. 1 participant did not report a type for A*, only reporting a type for B* and DRB1* for both ED 01+02/2024.

Reported type	Number of Participants (n=31)
02:694	26
02	3
String excl. 02:694	1
01:01 (incorrect type)	1
A* type not submitted	1 (excluded from data)