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## UK NEQAS FOR H&I EDUCATIONAL SCHEME

HLA TYPING RESULTS OF SAMPLES ED03&04/2018  
DISPATCHED ON 06<sup>th</sup> November 2018

### Sample ED03/18 probable HLA type

HLA-A\*02:01, A\*29:02; B\*44:03, B\*44:221; C\*05:01, C\*16:01; DRB1\*11:04, DRB1\*15:01; DRB3\*02; DRB5\*01;  
DQB1\*03:01, DQB1\*06:02; DPB1\*02:01, DPB1\*04:01

### Sent as an example of B\*44:221

#### Results

38 out of 39 participants (97%) reported HLA-B\*44 for this sample. There were 8 reports (21%) that the type was B\*44 homozygous. For the first allele there were 6 (15%) reports of B\*44:02, 10 (26%) reports of B\*44:03 and 11 (28%) of a string that contained B\*44:02/03. For the second allele there were 10 (26%) reports of B\*44:221, 6 (15%) reports of B\*44:258 and 11 (28%) reports of a string that contained B\*44:221/258.

Allele 1		Allele 2	
Report	Number of Participants (n= 39)	Report	Number of Participants (n= 39)
B*44 homozygous	8 (21%)	B*44 homozygous	8 (21%)
B*44:02	6 (15%)	B*44:221	10 (26%)
B*44:03	10 (26%)	B*44:258	6 (15%)
B*44:02/03/...	11 (28%)	B*44:221/258	11 (28%)
B*44:02/221	2 (5%)	B*44:03/258	2 (5%)
B*44:104	1 (2.5%)	B*44:224	1 (2.5%)
B*35:01	1 (2.5%)	B*38:01	1 (2.5%)

### Sample ED04/18 probable HLA type

HLA-A\*02:01, A\*24:02; B\*27:02, B\*35:02; C\*02:02, C\*06:02; DRB1\*13:03, DRB1\*16:15; DRB3\*01; DRB5\*02;  
DQB1\*03:01, DQB1\*05:02; DPB1\*04:02, DPB1\*104:01

### Sent as an example of DRB1\*16:15

#### Results

28 out of 38 participants (74%) reported HLA-DRB1\*16:15 for this sample. There was one report (2%) of a string containing DRB1\*16:15 (see below). There were 9 reports (24%) of DRB1\*16.

Report	Number of Participants (n= 38)
DRB1*16	9 (24%)
DRB1*16:15	28 (74%)
DRB1*16:01/13N-45	1 (2%)

Balas A *et al.* *Tissue Antigens* 75:288-289 2010

Scheme results summaries may be downloaded from our website: <http://www.ukneqashandi.org.uk>

UK NEQAS for Histocompatibility and Immunogenetics is operated by Velindre NHS Trust, a UKAS proficiency testing provider No 8351.

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