

Director: Dr MT Rees  
Deputy Director: Mrs D Pritchard  
Operations Manager: Miss A De'Ath

Tel: +44 (0) 1443 622185  
Email: [ukneqashandi@wales.nhs.uk](mailto:ukneqashandi@wales.nhs.uk)  
Web: [www.ukneqashandi.org.uk](http://www.ukneqashandi.org.uk)

Correspondence to:  
UK NEQAS for H&I  
Welsh Blood Service  
Ely Valley Road  
Talbot Green  
Pontyclun  
CF72 9WB

## UK NEQAS FOR H&I EDUCATIONAL SCHEME

### HLA TYPING RESULTS OF SAMPLES ED01&02/2022

DISPATCHED ON 19 JULY 2022

#### Sample ED01/2022 probable HLA type

HLA- A\*03:01, A\*24:02; B\*40:01, B\*44:02; C\*03:04, C\*05:01; DRB1\*07:01, **DRB1\*13:15**; DRB3\*01:01, DRB4\*01:01;  
DQA1\*02:01, DQA1\*05:03; DQB1\*02:02, DQB1\*03:01; DPA1\*01:03, DPA1\*01:03; DPB1\*02:01; DPB1\*04:02

#### Sent as an example of DRB1\*13:15

##### Results

28 out of 31 participants (90.3%) reported HLA-DRB1\*13:15 for this sample, whereas 3 labs (9.7%) reported only DRB1\*13. All of the labs that reported the allele of interest did so unambiguously, with no labs reported strings of alleles.

Reported type	Number of Participants (n=31)
DRB1*13	3 (9.7%)
DRB1*13:15	28 (90.3%)

#### Sample ED02/2022 probable HLA type

HLA-A\*31:01, A\*33:03; **B\*15:27**, B\*58:01; C\*03:02, C\*04:01; DRB1\*03:01, DRB1\*09:01; DRB3\*02:02, DRB4\*01:03;  
DQA1\*03:02, DQA1\*05:01; DQB1\*02:01, DQB1\*03:03, DPA1\*01:03, DPA1\*01:03; DPB1\*02:01, DPB1\*05:01

#### Sent as an example of B\*15:27

##### Results

26 out of 31 participants (83.9%) reported HLA-B\*15:27 for this sample. There were 2 reports (6.5%) of B\*15 and 3 reports (9.7%) of B\*15:27/327. Of the 26 labs that identified B\*15:27, 8 labs submitted a definition to the 3<sup>rd</sup> field (B\*15:27:01) and 3 labs defined to the 4<sup>th</sup> field (B\*15:27:01:01).

Reported type	Number of Participants (n=31)
15	2 (6.5%)
15:27 (including 15:27:01/15:27:01:01)	26 (83.9%)
15:27/327	3 (9.7%)