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**UK NEQAS FOR H&I EDUCATIONAL SCHEME**

**HLA TYPING RESULTS OF SAMPLES ED01&02/2019**

DISPATCHED ON 09 JULY 2019

**Sample ED01/19 probable HLA type**

HLA-A\*02:01, A\*29:95; B\*27:05, B\*44:03; C\*02:02, C\*16:01; DRB1\*03:01, DRB1\*15:01; DQB1\*02:01, DQB1\*06:02; DPB1\*04:01, DPB1\*-

**Sent as an example of A\*29:95**

**Results**

23 out of 36 participants (63.9%) reported HLA-A\*29:95 for this sample. There were 4 reports of A\*29 and 6 reports of strings of alleles including A\*29:02/95. There were 2 reports of A\*29:02 and 1 report of A\*11 (HLA-A type of sample ED02/19 indicating a potential sample mix up).

Report	Number of Participants (n= 36)
A*29:95	23
A*29:02/95 ++	6
A*29	4
A*29:02	2
A*11	1

Reference: Voorter CEM et al. *Human Immunology* 79:763-772 2018

**Sample ED02/19 probable HLA type**

HLA-A\*11:01, A\*-; B\*08:214N, B\*51:01; C\*04:01, C\*15:02; DRB1\*03:01, DRB1\*14:54; DQB1\*02:01, DQB1\*05:03; DPB1\*04:01, DPB1\*-

**Sent as an example of B\*08:214N**

**Results**

18 out of 37 participants (48.6%) reported HLA-B\*08:214N for this sample. There were 6 reports of B\*08. Eight participants commented that the allele was new/novel, but were unable to identify it. There were 4 reports of different B\*08 alleles and 1 report of B\*27 (HLA-B type of sample ED01/19 indicating a potential sample mix up).

Report	Number of Participants (n=37)
B*08:214N	18
B*08	6
B*08 New/Novel allele	8
B*08:01/128	1
B*08:104	1
B*08:118	1
B*08:23	1
B*27	1

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

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

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