

Director: Mrs D Pritchard
Manager: Miss A De'Ath

Tel: +44 (0) 1443 622185
Email: uknegashandi@wales.nhs.uk
Web: www.uknegashandi.org.uk

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 ED 01&02/2025
Distributed on 22nd July 2025

Sample ED01/2025 probable HLA type

HLA-A*02:01, A*29:02; B*39:01, B*44:02; C*05:01, **C*07:218**; DRB1*13:01, DRB1*15:01; DRB3*01:01, DRB5*01:01;
DQA1*01:02, DQA1*01:03; DQB1*06:02, DQB1*06:03; DPA1*01:03, DPA1*-; DPB1*03:01, DPB1*04:01

Sent as an example of HLA-C*07:218

Summary of results

26 out of 30 participants (86.7%) reported HLA-C*07:218 for this sample. There was 1 report (3.3%) of a string that included HLA-C*07:218, and 3 reports (10%) of HLA-C*07 only. 1 participant returned results but did not report HLA-C so has not been included in the calculations.

Reported type C*07:218	Number of Participants (n=30)
C*07:218	26 (86.7%)
String including C*07:218	1 (3.3%)
C*07	3 (10%)

Sample ED02/2025 probable HLA type

HLA-A*02:01, A*68:01; B*15:01, B*37:01; C*01:02, C*06:02; DRB1*03:01, DRB1*09:01; DRB3*02:02, DRB4*01:03;
DQA1*03:02, DQA1*05:01; DQB1*02:01, **DQB1*03:20**; DPA1*01:03, DPA1*-; DPB1*04:01, DPB1*-

Sent as an example of HLA*DQB1*03:20

Summary of results

22 out of 30 participants (73.3%) reported HLA-DQB1*03:20 for this sample. There was 1 report (3.3%) of a string that included DQB1*03:20. Interestingly, 3 participants (10%) reported DQB1*03:XX/"new"/"novel" allele, and 2 reports (6.7%) of DBQ1*03 only. 2 participants (6.7%) reported DQB1*03:03. 1 participant returned results but did not report HLA*DQB1 so has not been included in the calculations.
Comments included that a potential novel allele was present.

Reported type HLA*	Number of Participants (n=30)
DQB1*03:20	22 (73.3%)
String including DQB1*03:20	1 (3.3%)
DQB1*03:XX/"new"	3 (10%)
DQB1*03 only	2 (6.7%)
DQB1*03:03	2 (6.7%)