

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
Web: 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 ED03&04/2020
DISPATCHED ON 2nd FEBRUARY 2021

Sample ED03/2020 probable HLA type

HLA- A*24:02, A*31:01; B*44:02, B*51:01; C*05:01, C*15:94; DRB1*04:01, DRB1*07:01; DRB4*01:01, DRB4*01:03;
DQB1*02:02, DQB1*03:02; DQA1*02:01, DQA1*03:01; DPB1*04:02, DPB1*11:01; DPA1*01:03, DPA1*02:01

Sent as an example of HLA-C*15:94

Results

24 out of 30 participants (79.9%) identified HLA-C*15:94 for this sample.

There were 3 reports of C*15, 2 reports of C*15:02 and 1 report of a string of alleles including C*15:02.

Reported type	Number of Participants (n= 30)
C*15	3 (9.9%)
C*15:02	2 (6.6%)
C* 15:02/15:08/15:10/ 15:13/15:15/15:17/15:18/15:21	1 (3.3%)
C*15:94	24 (79.9%)

Sample ED04/2020 probable HLA type

HLA- A*01:01, A*24:02; B*08:01, B*40:01; C*03:04, C*07:01; DRB1*03:01, DRB1*04:04; DRB3*01:01, DRB4*01:03;
DQB1*02:82, DQB1*03:02; DQA1*03:01, DQA1*05:01; DPB1*04:01, DPB1*-; DPA1*01:03, DPA1*-

Sent as an example of HLA-DQB1*02:82

Results

19 out of 30 participants (63.3%) reported HLA-DQB1*02:82 for this sample.

There were 2 reports of a DQB1*02 and 5 reports of DQB1*02:82/163N. There was 1 report of a string of alleles including DQB1*02:82.

There was 1 report of DQB1*02:01, 1 report of DQB1*02:28 and 1 report of a string of alleles including DQB1*02:01.

Reported type	Number of Participants (n= 30)
DQB1*02	2 (6.6%)
DQB1*02:82	19 (63.3%)
DQB1*02:82/163N	5 (16.6%)
DQB1*02:01	1 (3.3%)
DQB1*02:28	1 (3.3%)
DQB1*02:01/82/ 109/112/148	1 (3.3%)
DQB1*02:01/02:02/02:03/02:04/02:05/02:06/ 02:07/02:08/02:09/ 02:10/02:11/02:12/ 02:13/02:14/02:15/ 02:16/02:17/02:18N/ 02:19/02:20N/02:21	1 (3.3%)