

**UK NEQAS FOR H&I SCHEME 1A - HLA TYPING PHENOTYPING**

ASSESSMENT TYPING RESULTS OF SAMPLE 1A03/2017

DESPATCHED ON 28TH MARCH 2017

**CONSENSUS HLA TYPE: HLA-A2, A11; B35, B44; Cw4, Cw5; DR4, DR17; DQ2, DQ7**

| Lab No. | Assessment HLA- |     |     |     |     | A | A  | B  | B      | HLA- |   |    |       | Date received | Date tested | Viability % |        |     | Comments |   |
|---------|-----------------|-----|-----|-----|-----|---|----|----|--------|------|---|----|-------|---------------|-------------|-------------|--------|-----|----------|---|
|         | A               | B   | Cw  | DR  | DQ  |   |    |    |        | C    | C | DR | DR    |               |             | DQ          | DQ     | U   |          | T   |
| 11      | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44(12) |      |   | 4  | 17(3) | 2             | 7(3)        | 29-Mar      | 30-Mar | 90  | 90       |   |
| 20      | YES             | YES | YES | YES | YES | 2 | 11 | 35 | 44     | 4    | 5 | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 95  | 60       |   |
| 28      | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar |     |          |   |
| 54      | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 99  | 99       |   |
| 58      | YES             | YES | YES | YES | YES | 2 | 11 | 35 | 44     | 4    | 5 | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 95  | 50       |   |
| 62      | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 0   | 95       |   |
| 101     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar |     |          |   |
| 119     | YES             | YES | YES | YES | YES | 2 | 11 | 35 | 44     | 4    | 5 | 4  | 17    | 2             | 7           | 31-Mar      | 04-Apr | 80  |          | 50  |
| 120     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 100 | 100      |   |
| 123     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 90  | 90       | 90  |
| 133     | YES             | YES | YES | YES | YES | 2 | 11 | 35 | 44(12) | 4    | 5 | 4  | 17(3) | 2             | 7(3)        | 30-Mar      | 30-Mar | 65  | 95       | DR, DQ results are derived from molecular test results                                  |
| 139     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 31-Mar      | 31-Mar | 95  |          |   |
| 142     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44(12) |      |   | 4  | 17(3) | 2             | 7(3)        | 29-Mar      | 30-Mar |     |          |   |
| 145     | YES             | YES | YES | YES | YES | 2 | 11 | 35 | 44     | 4    | 5 | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 100 | 70       | Supplemental DNA typing for HLA class II was performed due to low viability of B cells. |
| 149     | YES             | YES | YES |     |     | 2 | 11 | 35 | 44     | 4    | 5 |    |       |               |             | 30-Mar      | 31-Mar |     |          |   |
| 154     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 99  | 99       |   |
| 159     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 95  |          | 95  |
| 163     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 95  | 98       | 98  |
| 181     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 95  |          | 95  |
| 186     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 100 |          | 95  |
| 193     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 99  |          | 99  |
| 194     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 29-Mar      | 30-Mar |     |          |   |
| 206     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 29-Mar      | 30-Mar | 100 |          |   |
| 223     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 29-Mar      | 03-Apr | 100 |          |   |
| 225     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 29-Mar      | 30-Mar | 100 |          |   |
| 227     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 27-Mar      | 27-Mar | 90  |          |   |
| 238     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 98  |          | 85  |
| 245     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 29-Mar      | 29-Mar | 100 |          |   |
| 262     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 29-Mar      | 29-Mar | 100 |          |   |
| 268     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 29-Mar | 96  |          | 90  |
| 279     | YES             | YES | YES |     |     | 2 | 11 | 35 | 44     | 4    | 5 |    |       |               |             | 06-Apr      | 07-Apr | 100 |          |   |
| 284     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 95  |          | 90  |
| 289     | YES             | YES |     | YES |     | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 3           | 30-Mar      | 30-Mar | 98  | 98       | 98  |
| 292     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 30-Mar      | 30-Mar | 75  |          | 60  |
| 294     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     |      |   | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 100 |          | 95  |
| 299     | YES             | YES |     | YES |     | 2 | 11 | 35 | 44     |      |   | 4  | 17    |               |             | 29-Mar      | 29-Mar | 95  |          | 95  |
| 315     | YES             | YES |     | YES | YES | 2 | 11 | 35 | 44     | 4    | 5 | 4  | 17    | 2             | 7           | 29-Mar      | 30-Mar | 80  | 80       | 80  |
| 323     | YES             | YES |     |     |     | 2 | 11 | 35 | 44     |      |   |    |       |               |             | 30-Mar      | 30-Mar |     |          |   |

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**CONSENSUS HLA TYPE: HLA-A2, A11; B35, B44; Cw4, Cw5; DR4, DR17; DQ2, DQ7**

| Lab No. | Supplemental DNA typing performed using: | Source of HLA Class I Typing trays | Source of HLA Class II Typing trays | Comments |
|---------|--|------------------------------------|-------------------------------------|----------|
| 11      | PCR-SSP                                  | One Lambda                         | One Lambda                          |          |
| 20      | PCR-SSP                                  | In-house                           | One Lambda                          |          |
| 28      | PCR-SSO                                  | Innotrain, One Lambda              | Innotrain, One Lambda               |          |
| 54      |  |                                    |                                     |          |
| 58      | PCR-SSO                                  | Innotrain, One Lambda              | One Lambda                          |          |
| 62      |  |                                    |                                     |          |
| 101     |  |                                    |                                     |          |
| 119     | Luminex                                  | Innotrain                          | Immucor, One Lambda                 |          |
| 120     | PCR-SSP                                  | One Lambda                         | One Lambda                          |          |
| 123     |  | One Lambda                         | One Lambda                          |          |
| 133     | Luminex                                  | Innotrain                          |                                     |          |
| 139     | PCR-SSO                                  | One Lambda                         | One Lambda                          |          |
| 142     | PCR-SSOP                                 | One Lambda                         | One Lambda                          |          |
| 145     | PCR-SSP                                  | Innotrain, Lifecodes               | Biorad                              |          |
| 149     | PCR-SSP, SSO                             | Biotest                            |                                     |          |
| 154     | PCR-SSP                                  | One Lambda                         | One Lambda                          |          |
| 159     |  |                                    |                                     |          |
| 163     | PCR-SSO                                  | One Lambda                         | One Lambda                          |          |
| 181     | Luminex                                  | One Lambda                         | One Lambda                          |          |
| 186     | PCR-SSP, SSO                             | One Lambda                         | One Lambda                          |          |
| 193     | PCR-SSP                                  | One Lambda                         | One Lambda                          |          |
| 194     |  |                                    |                                     |          |
| 206     | PCR-SSP                                  | One Lambda                         |                                     |          |
| 223     | PCR-SSP                                  | Innotrain                          |                                     |          |
| 225     |  |                                    |                                     |          |
| 227     | PCR-SSP, Luminex                         | One Lambda                         |                                     |          |
| 238     | PCR-SSO                                  | One Lambda                         | One Lambda                          |          |
| 245     | PCR-SSP                                  | One Lambda                         |                                     |          |
| 262     |  |                                    |                                     |          |
| 268     |  |                                    |                                     |          |
| 279     |  |                                    |                                     |          |
| 284     |  |                                    |                                     |          |
| 289     |  |                                    |                                     |          |
| 292     | PCR-SSO                                  | One Lambda                         | One Lambda                          |          |
| 294     |  |                                    |                                     |          |
| 299     | PCR-SSP                                  | BAG                                | BAG                                 |          |
| 315     |  |                                    |                                     |          |
| 323     |  | One Lambda                         |                                     |          |