

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A07/2016

DESPATCHED ON 26TH JULY 2016

**CONSENSUS HLA TYPE: HLA-A3, A11; B7, B44; Cw4, Cw7; DR7, DR15; DQ2, DQ6**

| 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   | B |
| 9        | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     | 4    | 7 | 7  | 15    | 2             | 6           | 27-Jul      | 28-Jul | 90  | 90       | 90  |   |
| 11       | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44(12) |      |   | 7  | 15(2) | 2             | 6(1)        | 25-Jul      | 02-Aug | 90  | 90       | 90  |   |
| 20       | YES             | YES | YES | YES | YES | 3 | 11 | 7 | 44     | 4    | 7 | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul | 90  | 90       | 85  |   |
| 28       | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     |          |     |   |
| 54       | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 01-Aug |     | 95       | 90  |   |
| 58       | YES             | YES | YES | YES | YES | 3 | 11 | 7 | 44     | 4    | 7 | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 90       | 80  |   |
| 62       | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 90       | 90  |   |
| 101      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 100      | 100 |   |
| 119      | YES             | YES | YES | YES | YES | 3 | 11 | 7 | 44     | 4    | 7 | 7  | 15    | 2             | 6           | 27-Jul      | 28-Jul | 95  |          | 90  |   |
| 120      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 28-Jul      | 28-Jul | 99  |          | 99  |   |
| 123      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 29-Jul | 90  |          |     |   |
| 133      | YES             | YES |     |     |     | 3 | 11 | 7 | 44(12) | 4    | 7 | 7  | 15(2) | 2             | 6(1)        | 28-Jul      | 29-Jul | 92  | 92       |     |   |
| 139      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 29-Jul      | 29-Jul | 80  | 80       | 80  |   |
| 142      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44(12) |      |   | 7  | 15(2) | 2             | 6(1)        | 28-Jul      | 28-Jul |     |          |     |   |
| 145      | YES             | YES | YES | YES | YES | 3 | 11 | 7 | 44     | 4    | 7 | 7  | 15    | 2             | 6           | 28-Jul      | 29-Jul |     | 100      | 100 |   |
| 149      | YES             | YES | YES |     |     | 3 | 11 | 7 | 44     | 4    | 7 |    |       |               |             | 27-Jul      | 28-Jul |     |          |     |   |
| 154      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 99       | 99  |   |
| 159      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 28-Jul | 99  | 99       | 90  |   |
| 163      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 28-Jul |     | 90       | 90  |   |
| 181      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul | 99  |          | 95  |   |
| 186      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 99       | 99  |   |
| 193      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul | 99  |          | 99  |   |
| 194      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 28-Jul | 99  |          |     |   |
| 206      | YES             | YES |     |     |     | 3 | 11 | 7 | 44     |      |   |    |       |               |             | 27-Jul      | 27-Jul |     | 100      |     |   |
| 223      | YES             | YES |     |     |     | 3 | 11 | 7 | 44(12) |      |   |    |       |               |             | 27-Jul      | 01-Aug |     | 100      |     |   |
| 225      | YES             | YES |     |     |     | 3 | 11 | 7 | 44     |      |   |    |       |               |             | 27-Jul      | 28-Jul |     | 95       |     |   |
| 227      | YES             | YES |     |     |     | 3 | 11 | 7 | 44     |      |   |    |       |               |             | 27-Jul      | 27-Jul | 98  |          |     |   |
| 238      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 98       | 90  |   |
| 245      | YES             | YES |     |     |     | 3 | 11 | 7 | 44     |      |   |    |       |               |             | 27-Jul      | 28-Jul |     | 100      |     |   |
| 262      | YES             | YES |     |     |     | 3 | 11 | 7 | 44     |      |   |    |       |               |             | 27-Jul      | 27-Jul | 100 |          |     |   |
| 268      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 95       | 95  |   |
| 279      | YES             | YES | YES |     |     | 3 | 11 | 7 | 44     | 4    | 7 |    |       |               |             | 28-Jul      | 01-Aug |     | 100      |     |   |
| 284      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 27-Jul |     | 98       | 95  |   |
| 285      | YES             | YES | YES |     |     | 3 | 11 | 7 | 44     | 4    | 7 |    |       |               |             | 27-Jul      | 27-Jul | 100 |          |     |   |
| 289      | YES             | YES |     | YES |     | 3 | 11 | 7 | 44     | 4    | 7 | 7  | 15    | 2             | 6           | 28-Jul      | 28-Jul |     | 98       | 98  |   |
| 292      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 29-Jul      | 29-Jul | 95  |          | 40  |   |
| 294      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     |      |   | 7  | 15    | 2             | 6           | 27-Jul      | 28-Jul |     | 100      | 100 |   |
| 297      | YES             | YES |     |     |     | 3 | 11 | 7 | 44     |      |   |    |       |               |             | 28-Jul      | 29-Jul | 80  |          |     |   |
| 299      | YES             | YES |     | YES |     | 3 | 11 | 7 | 44     |      |   | 7  | 15    |               |             | 28-Jul      | 28-Jul | 90  |          | 60  |   |
| 315      | YES             | YES |     | YES | YES | 3 | 11 | 7 | 44     | 4    | 7 | 7  | 15    | 2             | 6           | 28-Jul      | 29-Jul |     | 90       | 90  |   |
| 323      | YES             | YES |     |     |     | 3 | 11 | 7 | 44     |      |   |    |       |               |             | 29-Jul      | 01-Aug | 90  |          |     |   |

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

SCHEME 1A - HLA PHENOTYPING - METHODOLOGY 2016

| Lab. No. | Source of HLA Class I Typing trays | Source of HLA Class II Typing trays | Supplemental DNA typing performed |
|----------|------------------------------------|-------------------------------------|-----------------------------------|
| 9        | One Lambda                         | One Lambda                          | PCR-SSO                           |
| 11       | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 20       | Own Tray                           | One Lambda                          | PCR-SSP                           |
| 28       | Innotrain, One Lambda              | Innotrain, One Lambda               | PCR-SSO                           |
| 54       | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 58       | Innotrain, One Lambda              | Innotrain, One Lambda               | PCR-SSO, Luminex                  |
| 62       | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 101      | One Lambda                         | One Lambda                          |                                   |
| 119      | Innotrain                          | Immucor                             | PCR-SSP/SSO                       |
| 120      | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 123      | One Lambda                         | One Lambda                          |                                   |
| 133      | One Lambda                         |                                     | PCR-SSO                           |
| 139      | One Lambda                         | One Lambda                          | PCR-SSO                           |
| 142      | One Lambda                         | One Lambda                          | RT-PCR-SSP                        |
| 145      | Biorad, Immucor                    | Biorad                              | PCR-SSP                           |
| 149      | Biotest                            |                                     | PCR-SSP/SSO                       |
| 154      | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 159      | One Lambda                         | Invitrogen                          | PCR-SSP                           |
| 163      | One Lambda                         | One Lambda                          | PCR-SSO                           |
| 181      | One Lambda                         | One Lambda                          | PCR-SSO                           |
| 186      | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 193      | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 194      | Ingen, One Lambda                  | Ingen, One Lambda                   | PCR-SSO                           |
| 206      | One Lambda                         |                                     |                                   |
| 223      | Innotrain                          |                                     | PCR-SSP                           |
| 225      | Innotrain                          |                                     |                                   |
| 227      | One Lambda                         |                                     | PCR-SSP/SSO                       |
| 238      |                                    |                                     |                                   |
| 245      | One Lambda                         |                                     |                                   |
| 262      | One Lambda                         |                                     | PCR-SSO                           |
| 268      | One Lambda                         | One Lambda                          | PCR-SSO                           |
| 279      | Biotest, Innotrain                 |                                     |                                   |
| 284      | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 285      | Biorad, Innotrain                  |                                     |                                   |
| 289      | One Lambda                         | One Lambda                          |                                   |
| 292      | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 294      | One Lambda                         | One Lambda                          | PCR-SSO                           |
| 297      |                                    |                                     |                                   |
| 299      | Biorad, BAG                        | Biorad, BAG                         | PCR-SSP                           |
| 315      | One Lambda                         | One Lambda                          | PCR-SSP                           |
| 323      | One Lambda                         | One Lambda                          | PCR-SSO                           |