

| INTERPRETATION TABLE                                     |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|----------------------------------------------------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| HLA-A low resolution SSP typing                          |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Amplification patterns of the A*01:01 to A*80:02 alleles |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|                                                          |  | Well <sup>10</sup>   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|                                                          |  | 1                    | 2                    | 3                    | 4                    | 5                    | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   | 13                   | 14                   | 15                   | 16                   | 17                   | 18                   | 19                   |
| Length of spec.                                          |  | 120                  | 210                  | 205                  | 190                  | 135                  | 175                  | 165                  | 75                   | 85                   | 80                   | 125                  | 175                  | 100                  | 90                   | 240                  | 140                  | 200                  | 160                  | 220                  |
| PCR product(s)                                           |  | 145                  | 255                  | 235                  |                      | 175                  | 205                  | 200                  |                      |                      | 175                  | 185                  | 225                  | 200                  | 135                  | 370                  | 180                  |                      | 200                  | 245                  |
|                                                          |  | 225                  | 365                  |                      |                      | 210                  |                      |                      |                      |                      | 500                  |                      |                      | 240                  | 205                  | 395                  |                      |                      |                      |                      |
|                                                          |  |                      | 415                  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Length of int.                                           |  | 800                  | 800                  | 1070                 | 800                  | 800                  | 1070                 | 800                  | 800                  | 1070                 | 1070                 | 800                  | 1070                 | 800                  | 1070                 | 1070                 | 1070                 | 1070                 | 800                  | 800                  |
| pos. control <sup>1</sup>                                |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 5'-primer(s) <sup>2</sup>                                |  | 98                   | 48                   | 363                  | 98                   | 176                  | 98                   | 98                   | 266                  | 257                  | 301                  | 103                  | 98                   | 98                   | 203                  | 41                   | 180                  | 98                   | 180                  | 78                   |
|                                                          |  | 5'-CTT <sup>3'</sup> | 5'-gCT <sup>3'</sup> | 5'-ATA <sup>3'</sup> | 5'-CTA <sup>3'</sup> | 5'-gCA <sup>3'</sup> | 5'-CTC <sup>3'</sup> | 5'-CTA <sup>3'</sup> | 5'-ACg <sup>3'</sup> | 5'-Cgg <sup>3'</sup> | 5'-Cgg <sup>3'</sup> | 5'-CCT <sup>3'</sup> | 5'-CTT <sup>3'</sup> | 5'-CAC <sup>3'</sup> | 5'-gAA <sup>3'</sup> | 5'-CTT <sup>3'</sup> | 5'-TTT <sup>3'</sup> | 5'-CAC <sup>3'</sup> | 5'-TTT <sup>3'</sup> | 5'-TCT <sup>3'</sup> |
|                                                          |  | 103                  | 78                   |                      | 413                  | 368                  | 368                  | 102                  | 266                  | 259                  | 302                  | 423                  | 423                  | 238                  | 362                  | 355                  | 203                  |                      |                      | 106                  |
|                                                          |  | 5'-CCT <sup>3'</sup> | 5'-TCT <sup>3'</sup> |                      | 5'-CCg <sup>3'</sup> | 5'-gTT <sup>3'</sup> | 5'-gTT <sup>3'</sup> | 5'-ACA <sup>3'</sup> | 5'-ACg <sup>3'</sup> | 5'-CgA <sup>3'</sup> | 5'-ggA <sup>3'</sup> | 5'-gCT <sup>3'</sup> | 5'-gCT <sup>3'</sup> | 5'-AgA <sup>3'</sup> | 5'-ggT <sup>3'</sup> | 5'-CCg <sup>3'</sup> | 5'-gAA <sup>3'</sup> |                      |                      | 5'-CCA <sup>3'</sup> |
|                                                          |  | 123                  | 106                  |                      |                      |                      |                      | 413                  | 266                  | 261                  | 385                  |                      |                      | 355                  | 363                  |                      | 418                  |                      |                      | 2 <sup>nd</sup> 1    |
|                                                          |  | 5'-AgT <sup>3'</sup> | 5'-CCA <sup>3'</sup> |                      |                      |                      |                      | 5'-CCg <sup>3'</sup> | 5'-Agg <sup>3'</sup> | 5'-AAC <sup>3'</sup> | 5'-ggC <sup>3'</sup> |                      |                      | 5'-CCg <sup>3'</sup> | 5'-ATA <sup>3'</sup> |                      | 5'-AgC <sup>3'</sup> |                      |                      | 5'-CCT <sup>3'</sup> |
|                                                          |  | 363                  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 363                  |                      |                      |                      |                      |                      |
|                                                          |  | 5'-ATA <sup>3'</sup> |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 5'-ATA <sup>3'</sup> |                      |                      |                      |                      |                      |
|                                                          |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 369                  |                      |                      |                      |                      |                      |
|                                                          |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 5'-TAC <sup>3'</sup> |                      |                      |                      |                      |                      |
| 3'-primer(s) <sup>3</sup>                                |  | 203                  | 240                  | 527                  | 256                  | 270                  | 259                  | 259                  | 302                  | 299                  | 341                  | 257                  | 282                  | 257                  | 299                  | 238                  | 290                  | 256                  | 299                  | 265                  |
|                                                          |  | 5'-TCT <sup>3'</sup> | 5'-ggA <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-CTg <sup>3'</sup> | 5'-ACA <sup>3'</sup> | 5'-gTT <sup>3'</sup> | 5'-gTT <sup>3'</sup> | 5'-ggC <sup>3'</sup> | 5'-TCg <sup>3'</sup> | 5'-CgT <sup>3'</sup> | 5'-gCA <sup>3'</sup> | 5'-gAC <sup>3'</sup> | 5'-gCA <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-CCT <sup>3'</sup> | 5'-CAA <sup>3'</sup> | 5'-CCC <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-CCC <sup>3'</sup> |
|                                                          |  | 545                  | 292                  | 527                  | 559                  | 502                  | 502                  | 259                  |                      |                      | 521                  | 506                  | 282                  | 299                  | 411                  | 243                  | 317                  | 256                  | 299                  | 282                  |
|                                                          |  | 5'-AgA <sup>3'</sup> | 5'-gTg <sup>3'</sup> | 5'-CCT <sup>3'</sup> | 5'-CCg <sup>3'</sup> | 5'-CTg <sup>3'</sup> | 5'-CTT <sup>3'</sup> | 5'-gTT <sup>3'</sup> |                      |                      | 5'-ggg <sup>3'</sup> | 5'-TgT <sup>3'</sup> | 5'-gAC <sup>3'</sup> | 5'-TCg <sup>3'</sup> | 5'-TCA <sup>3'</sup> | 5'-TCA <sup>3'</sup> | 5'-ggA <sup>3'</sup> | 5'-CTC <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-gAC <sup>3'</sup> |
|                                                          |  |                      |                      | 555                  |                      | 538                  | 539                  | 538                  |                      |                      |                      | 559                  | 559                  | 418                  | 526                  | 265                  | 555                  | 259                  | 341                  | 282                  |
|                                                          |  |                      |                      | 5'-gCA <sup>3'</sup> |                      | 5'-CAg <sup>3'</sup> | 5'-TCT <sup>3'</sup> | 5'-CCA <sup>3'</sup> |                      |                      |                      | 5'-CTC <sup>3'</sup> | 5'-CCg <sup>3'</sup> | 5'-gTC <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-CCC <sup>3'</sup> | 5'-CCA <sup>3'</sup> | 5'-gTT <sup>3'</sup> | 5'-CgT <sup>3'</sup> | 5'-gAC <sup>3'</sup> |
|                                                          |  |                      |                      | 555                  |                      |                      |                      |                      |                      |                      |                      | 559                  |                      | 555                  |                      | 555                  |                      |                      |                      | 502                  |
|                                                          |  |                      |                      | 5'-CCA <sup>3'</sup> |                      |                      |                      |                      |                      |                      |                      | 5'-CgT <sup>3'</sup> |                      | 5'-CCA <sup>3'</sup> |                      | 5'-CCA <sup>3'</sup> |                      |                      |                      | 5'-CTT <sup>3'</sup> |
|                                                          |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 506                  |
|                                                          |  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | 5'-TgT <sup>3'</sup> |
| Well No.                                                 |  | 1                    | 2                    | 3                    | 4                    | 5                    | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   | 13                   | 14                   | 15                   | 16                   | 17                   | 18                   | 19                   |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| *11:10                                                                                                                                                                                                                                     | A11                                    |   |   |   | 4 |   |   | 7 |   |   | 10 |    |    |    |    |    |    |    |    |    |
| *11:11                                                                                                                                                                                                                                     | -                                      |   |   |   | 4 |   |   |   |   |   | 10 | 11 |    |    |    |    |    |    |    |    |
| Well No.                                                                                                                                                                                                                                   |                                        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Well No.                                                                                                                                                                                                                                   |                                        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| HLA-A allele <sup>4</sup>                                                                                                                                                                                                                  | ser <sup>5</sup>                       |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *11:25, 11:60                                                                                                                                                                                                                              | A11, -                                 |   |   | 3 | 4 |   |   |   |   |   | 10 |    |    |    |    |    |    |    |    |    |
| *11:94, 11:112                                                                                                                                                                                                                             | -                                      | 1 |   |   | 4 |   |   |   |   |   | 10 |    |    |    |    |    |    |    |    |    |
| *11:113                                                                                                                                                                                                                                    | -                                      |   |   |   | 4 |   |   |   |   |   | 10 |    |    |    | 14 |    |    |    |    |    |
| *23:01:01-23:13, 23:15-23:51, <i>B*18:27</i> <sup>8</sup>                                                                                                                                                                                  | A23(9), Null, -                        |   |   |   |   | 5 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *23:14, 24:05, 24:13:02, 24:24, 24:199 <sup>9</sup>                                                                                                                                                                                        | A9, A24(9), -                          |   |   |   |   | 5 | 6 |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *24:02:01:01-24:04, 24:06-24:11N, 24:13:01, 24:17, 24:20-24:23, 24:25-24:27, 24:29-24:43, 24:45N-24:50, 24:54-24:56, 24:58-24:63, 24:66-24:81, 24:83N-24:88, 24:90-24:91, 24:93, 24:95-24:113, 24:115-24:137, 24:139-24:187, 24:189-24:198 | A24(9), Low A24(9), A2403, A9, Null, - |   |   |   |   |   | 6 |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *24:18                                                                                                                                                                                                                                     | A24(9), A3                             |   |   |   |   |   | 6 |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *24:19, 24:44                                                                                                                                                                                                                              | A9, -                                  |   |   |   |   |   | 6 |   |   |   | 10 |    |    |    |    |    |    |    |    |    |
| *24:28, 24:89                                                                                                                                                                                                                              | A9, -                                  |   | w |   |   |   | 6 |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *24:82                                                                                                                                                                                                                                     | -                                      |   |   |   |   |   | 6 |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *25:01:01-25:04, 25:07-25:16                                                                                                                                                                                                               | A25 (10), Null, -                      |   |   |   |   |   |   | 7 | 8 |   |    |    | 12 |    |    |    |    |    |    |    |
| *25:05                                                                                                                                                                                                                                     | -                                      |   |   |   |   |   |   | 7 | 8 |   |    | 11 | 12 |    |    |    |    |    |    | 19 |
| *25:06                                                                                                                                                                                                                                     | -                                      |   |   |   |   |   |   | 7 | 8 |   |    | 11 |    |    |    |    |    |    |    |    |
| *26:01:01-26:01:20, 26:01:22-26:01:24, 26:08, 26:10-26:15, 26:17-26:18, 26:20, 26:23-26:29, 26:31-26:33, 26:35-26:43:02, 26:45-26:53, 26:55-26:63, 26:65-26:71N, 26:74                                                                     | A26 (10), A10, Null, -                 |   |   |   |   |   |   | 7 |   | 9 |    |    | 12 |    |    |    |    |    |    |    |
| *26:01:21, 26:04, 26:34, 26:73                                                                                                                                                                                                             | A26 (10), -                            |   |   |   |   |   |   | 7 |   | 9 |    |    |    |    |    |    |    |    |    |    |
| *26:02                                                                                                                                                                                                                                     | A26 (10)                               |   |   |   |   |   |   | 7 |   | 9 |    |    | w  |    |    |    |    |    |    |    |
| *26:03:01-26:03:02, 26:06, 26:21                                                                                                                                                                                                           | A26 (10), -                            |   | w |   |   |   |   | 7 |   |   | 10 |    | 12 |    |    |    |    |    |    |    |
| *26:05                                                                                                                                                                                                                                     | A26 (10)                               |   |   |   |   |   |   | 7 |   |   |    |    | 12 |    |    |    |    |    |    |    |
| *26:07:01, 26:64                                                                                                                                                                                                                           | A26 (10), -                            |   |   |   |   |   |   |   |   | 9 |    |    | 12 |    |    |    |    |    |    |    |

|           |             |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
|-----------|-------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| *26:07:02 | -           | w |   |   |   |   |   |   |   | 9 |    |    | 12 |    |    |    |    |    |    |    |
| *26:09    | A26<br>(10) |   |   |   |   |   |   | 7 |   | 9 |    | 11 |    |    |    |    |    |    |    |    |
| *26:16    | -           |   |   |   |   |   |   | 6 |   | 9 |    |    | 12 |    |    |    |    |    |    |    |
| *26:19    | -           |   |   |   | 4 |   |   |   |   |   |    |    | 12 | 13 |    |    |    |    |    |    |
| Well No.  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |

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| *33:51                                                                                                                               | -                      |   |   |   |   |   |   | 7 |   |   |    |    |    |    |    |    |    |    |    |    |
| *33:53                                                                                                                               | -                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    | 15 |    | 17 |    |    |
| Well No.                                                                                                                             |                        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Well No.                                                                                                                             |                        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| HLA-A allele <sup>4</sup>                                                                                                            | ser <sup>5</sup>       |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *34:01:01-34:01:02, 34:05-34:06                                                                                                      | A34 (10), -            |   |   |   |   |   |   | 7 |   |   | 10 | 11 |    |    |    |    |    |    |    |    |
| *34:02:01, 34:02:03-34:04, 34:07                                                                                                     | A34 (10), -            |   |   | 3 |   |   |   | 7 |   |   | 10 | 11 |    |    |    |    |    |    |    |    |
| *34:02:02                                                                                                                            | -                      |   |   | w |   |   |   | 7 |   |   | 10 | 11 |    |    |    |    |    |    |    |    |
| *34:08                                                                                                                               | -                      |   |   | 3 |   |   |   | 7 |   |   | 10 | 11 | 12 |    |    |    |    |    |    |    |
| *34:09                                                                                                                               | -                      |   |   | 3 |   |   |   | 7 |   |   |    | 11 |    |    |    |    |    |    |    |    |
| *36:02                                                                                                                               | -                      | 1 |   | 3 |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *43:01                                                                                                                               | A43                    |   |   |   |   |   |   |   |   |   |    | 11 | 12 |    |    |    |    |    |    |    |
| *66:01, 66:04-66:08, 66:10-66:11, 66:13-66:15                                                                                        | A66 (10), -            |   |   |   |   |   |   | 7 |   |   | 10 |    | 12 |    |    |    |    |    |    |    |
| *66:02-66:03, 66:16                                                                                                                  | A66 (10), A10, -       |   |   |   |   |   |   | 7 |   |   |    | 11 |    |    |    |    |    |    |    |    |
| *66:09                                                                                                                               | -                      |   |   |   |   |   |   | 7 |   |   | 10 |    | 12 | 13 |    |    |    |    |    |    |
| *66:12                                                                                                                               | -                      |   |   |   |   |   |   | 7 |   |   |    |    | 12 |    |    |    |    |    |    |    |
| *68:01:01:01-68:04, 68:06-68:12, 68:14, 68:16-68:19, 68:21:01-68:28, 68:31-68:44, 68:46-68:65, 68:67-68:70, 68:72-68:83, 68:85-68:88 | A68 (28), A28, Null, - |   |   |   |   |   |   | 7 |   |   |    |    |    |    |    |    |    |    |    | 19 |
| *68:05, 68:15, 68:20                                                                                                                 | A68 (28), -            |   | w |   |   |   |   | 7 |   |   |    |    |    |    |    |    |    |    |    | 19 |
| *68:13, 68:66                                                                                                                        | -                      |   |   |   | 4 |   |   | 7 |   |   |    |    |    |    |    |    |    |    |    | 19 |
| *68:29                                                                                                                               | -                      |   |   |   |   |   |   | 7 |   |   |    |    |    |    |    |    |    | 17 |    | 19 |
| *68:30                                                                                                                               | A68 (28)               |   | w |   |   |   |   | 7 |   |   |    |    |    |    |    |    |    |    |    | 19 |
| *68:45                                                                                                                               | -                      |   |   |   |   |   | 6 | 7 |   |   |    |    |    |    |    |    |    |    |    | 19 |
| *68:71                                                                                                                               | -                      |   |   |   |   |   |   | 7 |   |   |    |    | 12 |    |    |    |    |    |    | 19 |
| *68:84                                                                                                                               | -                      |   |   |   |   |   |   | 7 |   | 9 |    |    |    |    |    |    |    |    |    | 19 |
| *69:01                                                                                                                               | A69 (28)               |   |   |   |   |   |   | 7 |   |   |    |    |    |    |    |    |    |    |    |    |
| *74:01-74:06, 74:08-74:12N, 74:14N-74:15                                                                                             | A74 (19), Null, -      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    | 18 |    |
| *74:07                                                                                                                               | A74 (19)               |   |   |   |   |   |   |   |   |   |    |    |    |    |    | 16 |    |    | 18 |    |
| *74:13                                                                                                                               | -                      |   |   |   |   |   |   |   |   |   |    |    | 12 |    |    |    |    |    | 18 |    |
| *80:01                                                                                                                               | A80                    |   |   |   |   | 5 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| *80:02                                                                                                                               | -                      |   |   |   |   | 5 |   |   |   |   | 10 |    |    |    |    |    |    |    |    |    |
| HLA-A allele <sup>4</sup>                                                                                                            | ser <sup>5</sup>       |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| Well No.                                                                                                                             |                        | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |

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