

INTERPRETATION TABLE

HLA-C*05 subtyping

Amplification patterns of the C*05:01 to 05:45 alleles

| | Well ¹⁴ | | | | | | | | | | | | | | | |
|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Length of spec. | 155 | 165 | 155 | 120 | 225 | 270 | 265 | 85 | 285 | 95 | 115 | 225 | 95 | 120 | 185 | 195 |
| PCR product(s) | | | | | 285 | | | | | 195 | 205 | 285 | | | 240 | |
| Length of int. | 800 | ### | ### | 800 | ### | ### | ### | 800 | ### | ### | ### | ### | ### | ### | ### | ### |
| pos. control ¹ | | | | | | | | | | | | | | | | |
| 5'-primer(s) ² | 485 | 176 | 485 | 3 rd I | 355 | 361 | 379 | 176 | 355 | 1 st I | 176 | 355 | 485 | 176 | 115 | 446 |
| | 5'-CAA ^{3'} | 5'-gCA ^{3'} | 5'-CAA ^{3'} | 5'-TgT ^{3'} | 5'-TCC ^{3'} | 5'-AgT ^{3'} | 5'-ACC ^{3'} | 5'-gCA ^{3'} | 5'-CC ^{3'} | 5'-CgA ^{3'} | 5'-gCA ^{3'} | 5'-TCA ^{3'} | 5'-CAA ^{3'} | 5'-gCA ^{3'} | 5'-ggA ^{3'} | 5'-CgT ^{3'} |
| | | | | | 419 | 379 | | | | 485 | | 416 | | 453 | 2 nd I | |
| | | | | | 5'-gTC ^{3'} | 5'-ACg ^{3'} | | | | 5'-CAA ^{3'} | | 5'-CCg ^{3'} | | 5'-AAT ^{3'} | 5'-CCA ^{3'} | |
| 3'-primer(s) ³ | 601 | 302 | 595 | 668 | 601 | 601 | 601 | 221 | 601 | 106 | 248 | 601 | 538 | 256 | 312 | 601 |
| | 5'-CTT ^{3'} | 5'-ggT ^{3'} | 5'-CCT ^{3'} | 5'-TgA ^{3'} | 5'-CTT ^{3'} | 5'-CTT ^{3'} | 5'-CTT ^{3'} | 5'-ACC ^{3'} | 5'-CTT ^{3'} | 5'-CAT ^{3'} | 5'-AAC ^{3'} | 5'-CTT ^{3'} | 5'-Cag ^{3'} | 5'-CCA ^{3'} | 5'-AgT ^{3'} | 5'-CTT ^{3'} |
| | | | 601 | | | | | | | 538 | 341 | | | 527 | 475 | |
| | | | 5'-CTC ^{3'} | | | | | | | 5'-CCA ^{3'} | 5'-CgT ^{3'} | | | 5'-CCA ^{3'} | 5'-ggT ^{3'} | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| HLA-C allele ⁴ | | | | | | | | | | | | | | | | |
| *05:01:01:01-05:01:13 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:03 | 1 | 2 | | 4 | | | 7 | | | | | | | | | |
| *05:04 | 1 | 2 | | | 5 | | 7 | | | | | | | | | |
| *05:05 | 1 | 2 | | | | 6 | | | | | | | | | | |
| *05:06 | 1 | 2 | | | | | 7 | 8 | | | | | | | | |
| *05:07N | 1 | 2 | | | | | 7 | | 9 | | | | | | | |
| *05:08, 05:30 ⁵ | 1 | 2 | | | | | 7 | | | 10 | | | | | | |
| *05:09 | | 2 | 3 | | | | | | | | | | | | | |
| *05:10, 05:38 ⁶ | 1 | 2 | | | | | 7 | | | | | 12 | | | | |
| *05:11 | 1 | 2 | | | | | 7 | | | | | | 13 | | | |
| *05:12 | | 2 | | | | | 7 | | | | | | | 14 | | |
| *05:13 | 1 | 2 | | | | | 7 | | | | | | | | 15 | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Length of spec. | 155 | 165 | 155 | 120 | 225 | 270 | 265 | 85 | 285 | 95 | 115 | 225 | 95 | 120 | 185 | 195 |
| PCR product(s) | | | | | 285 | | | | | 195 | 205 | 285 | | | 240 | |

| | | | | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| *05:14 | 1 | 2 | | | | | 7 | | | | | | | | | 16 |
| *05:15 | 1 | 2 | | | | | 7 | | | | | | | 14 | | |
| *05:16 | 1 | 2 | | | | 6 | 7 | | | | | | | | | |
| *05:17 | | 2 | 3 | | | | | | | | | | 13 | | | |
| *05:18, 08:10 ⁷ | | 2 | | | | | 7 | | | | | | | | | |
| *05:19 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:20 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:21, 05:26 ⁸ | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:22 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:23 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:24, 05:36 ⁹ | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:25, 05:33 ¹⁰ | 1 | 2 | | | | | 7 | | | | 11 | | | | | |
| *05:27 | 1 | 2 | | | | | 7 | | | | | | 13 | | | |
| *05:28, 05:39 ¹¹ | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:29, 08:25 ⁷ | 1 | | | | | | 7 | | | | | | | | | |
| *05:31 | 1 | 2 | | | 5 | | 7 | | | | | | | | | |
| *05:32 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:34 | 1 | 2 | | | | | 7 | | | | | | | | 15 | |
| *05:35, 05:40 ¹² | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:37, 05:41 ¹³ | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:42 | 1 | 2 | | | | | 7 | | | | 11 | | | | | |
| *05:43 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *05:44 | 1 | 2 | 3 | | | | 7 | | | | | | | | | |
| *05:45 | 1 | 2 | | | | | 7 | | | | | | | | | |
| *01:13 | | | 3 | | | | | | | | | | | | | |
| *03:87 | | | 3 | | | | | | | | | | 13 | | | |
| *06:05 | | 2 | | | | | | | | | 11 | | | | | |
| *06:13 | | | | | | | | | | | | | | | 15 | |
| *07:04:01-07:04:04, 07:11-07:12, 07:63, 07:139, 07:142 | | | | | | | 7 | | | | | | | | | |
| *07:41, 08:18 | 1 | | | | | | 7 | | | | | | | | | |
| *07:52 | | | | 4 | | | | | | | | | | | | |
| *07:68 | | | | | 5 | | 7 | | | | | | | | | |
| *07:101 | | | | | | | 7 | | | | 11 | | | | | |
| *07:130 | | | 3 | | | | | | | | | | 13 | | | |
| *07:148 | | | | | | | | | | | 11 | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Length of spec. | 155 | 165 | 155 | 120 | 225 | 270 | 265 | 85 | 285 | 95 | 115 | 225 | 95 | 120 | 185 | 195 |
| PCR product(s) | | | | | 285 | | | | | 195 | 205 | 285 | | | 240 | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| *08:01:01-08:01:02, 08:03:01-08:03:02, 08:06, 08:08, 08:14, 08:20, 08:22, 08:24, 08:26N-08:27, 08:35- 08:36N | | | | | | | 7 | | | | | | | | | |
| *08:02:01-08:02:04, 08:17, 08:19, 08:23, 08:30, 08:32, 08:34 | 1 | | | | | | 7 | | | | | | | | | |
| *08:04 | 1 | | | | | | 7 | | | | | | 13 | | | |
| *08:05 | 1 | | | | | | 7 | | | | | | | | | |
| *08:07 | 1 | | | | | | 7 | | | | | | | | | |
| *08:09, 08:11 | | | | | 5 | | 7 | | | | | | | | | |
| *08:12 | 1 | | | | | 6 | 7 | | | | | | | | | |
| *08:13 | 1 | | | | | | 7 | | | | | | 13 | | | |
| *08:15 | | | 3 | | | | | | | | | | | | | |
| *08:16 | | | | | | | 7 | | | | | | | | | |
| *08:21 | | | | | | | 7 | | | | | | | | | |
| *08:28 | 1 | | | | | | 7 | | | | 11 | | | | | |
| *08:29, 08:31 | 1 | | | | | | 7 | | | 10 | | | | | | |
| *08:33 | | | | | | | 7 | | | | | | | | | |
| *12:21, 12:33 | | 2 | | | | | | | | | | | | | | |
| *17:05 | | 2 | | | | | | | | | | | | | | |
| A*29:10 | | | | | | 6 | | | | | | | | | | |
| A*80:01-80:02 | | | | | | | | | | | w | | | | | |
| B*15:33 | | | 3 | | | | | | | 10 | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

| INTERPRETATION TABLE | | | | | | | | | | | | | | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| HLA-C*05 subtyping | | | | | | | | | | | | | | |
| Amplification patterns of the C*05:01 to 05:45 alleles | | | | | | | | | | | | | | |
| Well ¹⁴ | | | | | | | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | |
| 155 | 235 | 175 | 205 | 230 | 100 | 85 | 185 | 105 | 115 | 155 | 200 | 140 | 175 | Length of spec. |
| | | | 390 | | | 135 | 265 | 205 | 185 | | | 185 | | PCR product(s) |
| | | | | | | | | | | | | 260 | | |
| ### | ### | 800 | ### | ### | 800 | ### | ### | ### | ### | ### | 800 | ### | ### | Length of int. |
| | | | | | | | | | | | | | | pos. control ¹ |
| 486 | 406 | 176 | 1 st | 412 | 453 | 176 | 1 st | 176 | 158 | 176 | 2 nd | 2 nd | 176 | 5'-primer(s) ² |
| 5'-ACg ^{3'} | 5'-gCC ^{3'} | 5'-gCA ^{3'} | 5'-CgA ^{3'} | 5'-ATg ^{3'} | 5'-AAT ^{3'} | 5'-gCA ^{3'} | 5'-CgA ^{3'} | 5'-gCA ^{3'} | 5'-ggg ^{3'} | 5'-gCA ^{3'} | 5'-CCA ^{3'} | 5'-CCA ^{3'} | 5'-gCA ^{3'} | |
| | | | 322 | | | | | | 485 | | | 629 | | |
| | | | 5'-gCC ^{3'} | | | | | | 5'-CAA ^{3'} | | | 5'-Aag ^{3'} | | |
| 601 | 601 | 311 | 118 | 601 | 512 | 218 | 97 | 241 | 302 | 289 | 488 | 430 | 311 | 3'-primer(s) ³ |
| 5'-CTT ^{3'} | 5'-CTT ^{3'} | 5'-ggT ^{3'} | 5'-gCT ^{3'} | 5'-CTT ^{3'} | 5'-CCA ^{3'} | 5'-gCC ^{3'} | 5'-gTC ^{3'} | 5'-CgA ^{3'} | 5'-ggT ^{3'} | 5'-AgC ^{3'} | 5'-CCT ^{3'} | 5'-gCA ^{3'} | 5'-gTC ^{3'} | |
| | | | 419 | | | 270 | 175 | 341 | 559 | 289 | | 475 | | |
| | | | 5'-CgA ^{3'} | | | 5'-TAG ^{3'} | 5'-CCg ^{3'} | 5'-CgA ^{3'} | 5'-Cag ^{3'} | 5'-AgC ^{3'} | | 5'-ggT ^{3'} | | |
| | | | | | | | | | | | | 846 | | |
| | | | | | | | | | | | | 5'-CAC ^{3'} | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Well No. |
| | | | | | | | | | | | | | | HLA-C allele ⁴ |
| | | | | | | | | | | | | | | *05:01:01:01-05:01:13 |
| | | | | | | | | | | | | | | *05:03 |
| | | | | 21 | | | | | | | | | | *05:04 |
| | | | | | | | | | | | | | | *05:05 |
| | | | | | | | | | | | | | | *05:06 |
| | | | | | | | | | | | | | | *05:07N |
| | | | | | | | | | | | | | | *05:08, 05:30 ⁵ |
| | | | | | | | | | | | | | | *05:09 |
| | | | | | | | | | | | | | | *05:10, 05:38 ⁶ |
| | | | | | | | | | | | | | | *05:11 |
| 17 | | | | | | | | | | | | | | *05:12 |
| | | | | | | | | | | | | | | *05:13 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Well No. |
| 155 | 235 | 175 | 205 | 230 | 100 | 85 | 185 | 105 | 115 | 155 | 200 | 140 | 175 | Length of spec. |
| | | | 390 | | | 135 | 265 | 205 | 185 | | | 185 | | PCR product(s) |
| | | | | | | | | | | | | 260 | | |

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Well No. |
| | | | | | | | | | | | | | | *05:14 |
| | | | | | | | | | | | | | | *05:15 |
| | | | | | | | | | | | | | | *05:16 |
| | | | | | | | | | | | | | | *05:17 |
| 17 | | | | | | | | | | | | | | *05:18, 08:10 ⁷ |
| | 18 | | | | | | | | | | | | | *05:19 |
| | | 19 | | | | | | | | | | | | *05:20 |
| | | | 20 | | | | | | | | | | | *05:21, 05:26 ⁸ |
| | | | | 21 | | | | | | | | | | *05:22 |
| | | | | | 22 | | | | | | | | | *05:23 |
| | | | | | | 23 | | | | | | | | *05:24, 05:36 ⁹ |
| | | | | | | | | | | | | | | *05:25, 05:33 ¹⁰ |
| | | | | | | | | | 26 | | | | | *05:27 |
| | | | | | | | | | 26 | | | | | *05:28, 05:39 ¹¹ |
| | | | | | | | 24 | | | | | | | *05:29, 08:25 ⁷ |
| | | | | | | | | | | | | | | *05:31 |
| | | | | | | | | | | | | | 30 | *05:32 |
| | | | | | | | | | | | | 29 | | *05:34 |
| | | | | | | | | 25 | | | | | | *05:35, 05:40 ¹² |
| | | | | | | | | | | | | 29 | | *05:37, 05:41 ¹³ |
| | | | | | | | | | | 27 | | | | *05:42 |
| | | | | | | | 24 | | | | | | | *05:43 |
| | | | | | | | | | | | | | | *05:44 |
| | | | | | | | | | | | 28 | | | *05:45 |
| | | | | | | | | | | | | | | *01:13 |
| | | | | | | | | | 26 | | | | | *03:87 |
| | | | | | | | | | | | | | | *06:05 |
| | | | | | | | | | | | | 29 | | *06:13 |
| | | | | 21 | | | | | | | | | | *07:04:01-07:04:04, 07:11-07:12, 07:63, 07:139, 07:142 |
| | | | | | | | | | | | | | | *07:41, 08:18 |
| | | | | | | | | | | | | | | *07:52 |
| | | | | 21 | | | | | | | | | | *07:68 |
| | | 19 | | 21 | | | | | | 27 | | | | *07:101 |
| | | | | | | | | | | | | | | *07:130 |
| | | 19 | | | | 23 | | | | 27 | | | | *07:148 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Well No. |
| 155 | 235 | 175 | 205 | 230 | 100 | 85 | 185 | 105 | 115 | 155 | 200 | 140 | 175 | Length of spec. |
| | | | 390 | | | 135 | 265 | 205 | 185 | | | 185 | | PCR product(s) |
| | | | | | | | | | | | | 260 | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Well No. |

| | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|--|---|
| 17 | | 19 | | | | | | | | | | | | | | *08:01:01-08:01:02, 08:03:01-08:03:02, 08:06, 08:08, 08:14, 08:20, 08:22, 08:24, 08:26N-08:27, 08:35- 08:36N |
| | | 19 | | | | | | | | | | | | | | *08:02:01-08:02:04, 08:17, 08:19, 08:23, 08:30, 08:32, 08:34 |
| | | 19 | | | | | | | | | | | | | | *08:04 |
| | | 19 | | | | | | | | | 27 | | | | | *08:05 |
| 17 | | 19 | | | 22 | | | | | | | | | | | *08:07 |
| | | 19 | | 21 | | | | | | | | | | | | *08:09, 08:11 |
| | | 19 | | | | | | | | | | | | | | *08:12 |
| | | | | | | | 24 | | | | | | | | | *08:13 |
| 17 | | 19 | | | | | 24 | | | | | | | | | *08:15 |
| 17 | | 19 | | | | | | | | | 27 | | | | | *08:16 |
| | | 19 | | | | | | | | | | | | | | *08:21 |
| | | 19 | | | | | | | | | | | | | | *08:28 |
| | | 19 | | | | | | | | | | | | | | *08:29, 08:31 |
| | | 19 | | | | | | | | | | | | | | *08:33 |
| | | | | | | | | | | | | | | | | *12:21, 12:33 |
| | | | | | | | | | | | 27 | | | | | *17:05 |
| | | | | | | | | | | | | | | | | A*29:10 |
| | | | | | | | | | | | | | | | | A*80:01-80:02 |
| | | | | | | | | | | 26 | | | | | | B*15:33 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Well No. | | |