

INTERPRETATION TABLE

HLA-A*01 SSP subtyping

Amplification patterns of the A*0101 to 0130 alleles

| | Well ⁵ | | | | | | | | | | | |
|---------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Length of spec. | 235 | 145 | 120 | 305 | 470 | 210 | 215 | 110 | 235 | 155 | 135 | 85 |
| PCR product | | | | | | | | 180 | | 270 | 275 | |
| Length of int. | 800 | 1070 | 800 | 1070 | 1070 | 1070 | 800 | 1070 | 1070 | 800 | 800 | 800 |
| pos. control ¹ | | | | | | | | | | | | |
| 5'-primer(s) ² | 363 | 98 | 123 | 341 | 3 rd | 171 | 363 | 203 | 363 | 113 | 203 | 527 |
| | 5'-ATA ^{3'} | 5'-CTT ^{3'} | 5'-AgT ^{3'} | 5'-ggA ^{3'} | 5'-ATA ^{3'} | 5'-TTA ^{3'} | 5'-ATA ^{3'} | 5'-gAA ^{3'} | 5'-ATA ^{3'} | 5'-CCC ^{3'} | 5'-gAA ^{3'} | 5'-TgC ^{3'} |
| | | | | | | | | | | 413 | 363 | |
| | | | | | | | | | | 5'-CCg ^{3'} | 5'-ATA ^{3'} | |
| 3'-primer(s) ³ | 559 | 203 | 203 | 362 | 621 | 341 | 539 | 270 | 553 | 341 | 299 | 570 |
| | 5'-CCg ^{3'} | 5'-TCT ^{3'} | 5'-TCT ^{3'} | 5'-TCA ^{3'} | 5'-CCC ^{3'} | 5'-CgT ^{3'} | 5'-TCA ^{3'} | 5'-ACA ^{3'} | 5'-CTA ^{3'} | 5'-CgT ^{3'} | 5'-CCA ^{3'} | 5'-CAC ^{3'} |
| | | | | | | | | 341 | 559 | 527 | 597 | |
| | | | | | | | | 5'-CgT ^{3'} | 5'-CCA ^{3'} | 5'-CCC ^{3'} | 5'-TTA ^{3'} | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| HLA-A allele ⁴ | | | | | | | | | | | | |
| *01010101, 010102-010105 | 1 | 2 | | | | | | | | | | |
| *01010102N | 1 | 2 | | | | | | 8 | | | | |
| *0102 | 1 | | 3 | | | | | | | | | |
| *0103 | | 2 | | 4 | | | | | | | | |
| *0104N | 1 | 2 | | | 5 | | | | | | | |
| *0106 | 1 | 2 | | | | | 7 | | | | | |
| *0107 | 1 | 2 | | | | | | 8 | | | | |
| *0108 | | 2 | | | | | | | 9 | | | |
| *0109 | 1 | 2 | | | | 6 | | | | | | |
| *0110 | 1 | 2 | | | | | | | | 10 | | |
| *0111N | 1 | 2 | | | | | | | | | 11 | |
| *0112 | | 2 | | | | | | | | | | |
| *0113 | 1 | 2 | | | | | | | | | 11 | |
| *0114 | | 2 | | | | | | | | | | |
| *0115N | 1 | 2 | | | | | | | | | | |
| *0116N | 1 | 2 | | | | | | | | | | |
| *0117 | 1 | 2 | | | | | | | | | | |
| *0118N | 1 | w | | | | | | | | | | |
| *0119 | | 2 | | | | | | | | | | |
| *0120 | | | 3 | | | | | | | | | |
| *0121 | 1 | 2 | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| Length of spec. | 235 | 145 | 120 | 305 | 470 | 210 | 215 | 110 | 235 | 155 | 135 | 85 |
|----------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| PCR product | | | | | | | | 180 | | 270 | 275 | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| *0122N | 1 | 2 | | | | | | | | | | |
| *0123 | 1 | 2 | | | | | | 8 | | | | |
| *0124 | 1 | w | | | | | | | | | | |
| *0125 | 1 | 2 | | | | | | | | | | |
| *0126 | 1 | 2 | | | | | | | | | | |
| *0127N | 1 | 2 | | | | | | | 9 | | | |
| *0128 | 1 | 2 | | | | | | | | | 11 | |
| *0129 | 1 | 2 | | | | | | | | 10 | | |
| *0130 | 1 | 2 | | | | | | | | | | |
| *0219, 0236, 0237, 0254, 2414 | | | | | | | | | | | | |
| *03010101-030106, 0303N, 0304, 0306, 0308, 0309, 0311N- 0317, 0319, 0320, 0322- 0330, 0333-0339, 2451, 3204 | | | | | | | | | | | | |
| *0302, 0310, 0331, 0332 | | | | | | | | | | | | |
| *0305, 300101-3003, 3007, 3008, 3010-3013, 3015, 3016, 3018-3020, 3022-3025, 3402-3404, 3407, 3408 | | | | | | | 7 | | | | | |
| *0307, 3004, 3006, 3017 | | | | | | | | | | | | |
| *0318, 1108, 1123 | 1 | | | | | | | | | | | |
| *0321N | | | | | 5 | | | | | | | |
| *110101-1103, 1105- 1107, 1109-1113, 111501-1120, 1122, 1129, 1130, 1132-1134, 1136 | 1 | | | | | | | | | | | |
| *1104, 1127 | | | | | | | | | | | | |
| *1114 | 1 | | | | | | | | | w | | |
| *1121N | 1 | | | | 5 | | | | | | | |
| *112401-1125 | 1 | | | | | | 7 | | | | | |
| *1126, 2632, 3313, 7410 | | | | 4 | | | | | | | | |
| *1131 | 1 | | | | | | 7 | | | | | |
| *1135, 3009, 3103, 3104 | | | | | | | 7 | | | | | |
| *2307N, 2411N | | | | | 5 | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| | | | | | | | | | | | | |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Length of spec. | 235 | 145 | 120 | 305 | 470 | 210 | 215 | 110 | 235 | 155 | 135 | 85 |
| PCR product | | | | | | | | 180 | | 270 | 275 | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| *2422 | | | | | | | | | | | | |
| *3014L | | | | | 7 | | | | | | | |
| *3601, 3602 | | 2 | | | | | | | | | | 12 |
| *3603 | | 2 | | 4 | | | | | 12 | | | |
| *3604 | 1 | 2 | | | | | | | | | | 12 |
| *8001 | | | | | 7 | | | | w | | | |
| HLA-A allele⁴ | | | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

INTERPRETATION TABLE

HLA-A*01 SSP subtyping

Amplification patterns of the A*0101 to 0130 alleles

| Well ⁵ | | | | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------------|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| 205 | 120 | 235 | 180 | 210 | 135 | 170 | 65 | 255 | 600 | 155 | 215 | Length of spec. |
| | | | 235 | | | | 425 | | | 175 | | PCR product |
| 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 800 | 1070 | 1070 | 1070 | 1070 | Length of int. |
| | | | | | | | | | | | | pos. control ¹ |
| 363 | 203 | 363 | 203 | 363 | 203 | 215 | 203 | 355 | 3 rd I | 89 | 363 | 5'-primer(s) ² |
| 5'-ATA ^{3'} | 5'-gAA ^{3'} | 5'-ATA ^{3'} | 5'-gAA ^{3'} | 5'-ATA ^{3'} | 5'-gAA ^{3'} | 5'-gCC ^{3'} | 5'-gAA ^{3'} | 5'-CCg ^{3'} | 5'-ATA ^{3'} | 5'-gAA ^{3'} | 5'-ATA ^{3'} | |
| | | | 363 | | | 413 | 521 | | | 413 | | |
| | | | 5'-ATA ^{3'} | | | 5'-CCA ^{3'} | 5'-ggC ^{3'} | | | 5'-CCA ^{3'} | | |
| 527 | 282 | 559 | 341 | 531 | 299 | 341 | 346 | 570 | 750 | 203 | 538 | 3'-primer(s) ³ |
| 5'-CCA ^{3'} | 5'-gAC ^{3'} | 5'-CgT ^{3'} | 5'-CgT ^{3'} | 5'-TCC ^{3'} | 5'-TCg ^{3'} | 5'-CgT ^{3'} | 5'-AgC ^{3'} | 5'-CCg ^{3'} | 5'-T.g ^{3'} | 5'-TCT ^{3'} | 5'-CTg ^{3'} | |
| | | | 557 | | | 545 | 545 | | | 545 | | |
| | | | 5'-gC ^{3'} | | | 5'-AgA ^{3'} | 5'-AgA ^{3'} | | | 5'-AgA ^{3'} | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | | | | | | | | HLA-A allele ⁴ |
| | | | | | 18 | | | | | | | *01010101, 010102-010105 |
| | | | 16 | | 18 | | | | | | | *01010102N |
| | | | | | 18 | | | | | | | *0102 |
| | | | | | 18 | | | | | | | *0103 |
| | | | | | 18 | | | | | | | *0104N |
| | | | | | 18 | | | | | | | *0106 |
| | | | | | | | | | | | | *0107 |
| | | | | | 18 | | | | | | | *0108 |
| | | | | | 18 | | | | | | | *0109 |
| | | | | | 18 | | 20 | | | | | *0110 |
| | | | | | 18 | | | | | | | *0111N |
| 13 | | 15 | | | 18 | | | | | | 24 | *0112 |
| | 14 | | | | | | | | | | | *0113 |
| | | 15 | | | 18 | | | | | | | *0114 |
| | | | 16 | | 18 | | | | | | | *0115N |
| | | | | 17 | 18 | | | | | | | *0116N |
| | 14 | | | | 18 | | | | | | | *0117 |
| | | | | | 18 | 19 | | | | | | *0118N |
| 13 | | 15 | | | 18 | | 20 | | | | 24 | *0119 |
| | | | | | 18 | | | 21 | | | | *0120 |
| 13 | | | | | 18 | | 20 | | | | | *0121 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |

| 205 | 120 | 235 | 180 | 210 | 135 | 170 | 65 | 255 | 600 | 155 | 215 | Length of spec. |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------|
| | | | 235 | | | | 425 | | | 175 | | PCR product |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | 18 | | | | 22 | | | *0122N |
| | | | | | 18 | | | | | | | *0123 |
| | | | | | 18 | | | | | 23 | | *0124 |
| | | | | | 18 | | | | | | 24 | *0125 |
| | | | | | 18 | | 20 | | | | | *0126 |
| | | | | | 18 | | | | | | | *0127N |
| | | | | | | | | | | | | *0128 |
| | | | | | 18 | | | | | | | *0129 |
| | | | | | 18 | 19 | | | | 23 | | *0130 |
| | | | | | | | | 21 | | | | *0219, 0236, 0237, 0254, 2414 |
| | | 15 | | | | | | | | | | *03010101-030106, 0303N, 0304, 0306, 0308, 0309, 0311N- 0317, 0319, 0320, 0322- 0330, 0333-0339, 2451, 3204 |
| 13 | | 15 | | | | | | | | | 24 | *0302, 0310, 0331, 0332 *0305, 300101-3003, 3007, 3008, 3010-3013, 3015, 3016, 3018-3020, 3022-3025, 3402-3404, 3407, 3408 |
| | | 15 | | | | | | | | | | *0307, 3004, 3006, 3017 *0318, 1108, 1123 *0321N |
| | | | | | | | | | | | 24 | *110101-1103, 1105- 1107, 1109-1113, 111501-1120, 1122, 1129, 1130, 1132-1134, 1136 |
| | | 15 | | | | | | | | | 24 | *1104, 1127 |
| | | | | | | | | | | | 24 | *1114 |
| | | | | | | | | | | | 24 | *1121N |
| | | | | | | | | | | | | *112401-1125 |
| | | | | | | | | | | | | *1126, 2632, 3313, 7410 *1131 |
| w | | | | | | | | | | | | *1135, 3009, 3103, 3104 *2307N, 2411N |
| | | 15 | | | | | | | | | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------|
| 205 | 120 | 235 | 180 | 210 | 135 | 170 | 65 | 255 | 600 | 155 | 215 | Length of spec. |
| | | | 235 | | | | 425 | | | 175 | | PCR product |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | | 19 | | | | 23 | | *2422 |
| | | | | | | | | | | | | *3014L |
| | | 15 | | | 18 | | | | | | | *3601, 3602 |
| | | | | | 18 | | | | | | | *3603 |
| | | | | | 18 | | | | | | | *3604 |
| | | | | | | | | | | | | *8001 |
| | | | | | | | | | | | | HLA-A allele ⁴ |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |