

| INTERPRETATION TABLE                                                    |                   |           |           |           |           |           |           |           |
|-------------------------------------------------------------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| DQA1*02,05;DQB1*02,0302 typing                                          |                   |           |           |           |           |           |           |           |
| Amplification patterns of the DQA1*02 and 05 and DQB1*02 and 03 alleles |                   |           |           |           |           |           |           |           |
|                                                                         | Well <sup>5</sup> |           |           |           |           |           |           |           |
|                                                                         | 1                 | 2         | 3         | 4         | 5         | 6         | 7         | 8         |
| Length of spec.                                                         | 175               | 165       | 210       | 80        | 135       | 130       | 115       | 150       |
| PCR product                                                             |                   |           |           |           |           |           |           | 220       |
| Length of int.                                                          | 430               | 515       | 515       | 515       | 430       | 515       | 515       | 515       |
| pos. control <sup>1</sup>                                               |                   |           |           |           |           |           |           |           |
| 5'-primer(s) <sup>2</sup>                                               | 7(90)             | 34(169)   | 30(185)   | 57(266)   | 26(173)   | 26(173)   | 38(210)   | 27(175)   |
|                                                                         | 5'-CAC 3'         | 5'-AgC 3' | 5'-AAG 3' | 5'-TgA 3' | 5'-TCT 3' | 5'-TCT 3' | 5'-gCA 3' | 5'-TTC 3' |
|                                                                         |                   |           |           |           |           |           |           | 49(242)   |
|                                                                         |                   |           |           |           |           |           |           | 5'-ggT 3' |
|                                                                         |                   |           |           |           |           |           |           |           |
|                                                                         |                   |           |           |           |           |           |           |           |
|                                                                         |                   |           |           |           |           |           |           |           |
|                                                                         |                   |           |           |           |           |           |           |           |
|                                                                         |                   |           |           |           |           |           |           |           |
| 3'-primer(s) <sup>3</sup>                                               | 52(224)           | 75(293)   | 86(353)   | 70(304)   | 57(266)   | 55(260)   | 62(282)   | 86(353)   |
|                                                                         | 5'-TgT 3'         | 5'-gAC 3' | 5'-gCT 3' | 5'-CCT 3' | 5'-Cgg 3' | 5'-gCg 3' | 5'-CTA 3' | 5'-gCT 3' |
|                                                                         |                   |           |           |           |           |           |           |           |
|                                                                         |                   |           |           |           |           |           |           |           |
| Well No.                                                                | 1                 | 2         | 3         | 4         | 5         | 6         | 7         | 8         |
| DQA1 or DQB1 allele <sup>4</sup>                                        |                   |           |           |           |           |           |           |           |
| DQA1*0201                                                               | 1                 |           |           |           |           |           |           |           |
| DQA1*050101, 050102, 0505, 0508, 0509                                   |                   | 2         |           |           |           |           |           |           |
| DQA1*0502                                                               |                   | 2         |           |           |           |           |           |           |
| DQA1*0503, 0506, 0507                                                   |                   | 2         |           |           |           |           |           |           |
| DQA1*0504                                                               |                   | 2         |           |           |           |           |           |           |
| DQB1*020101-0202, 0204, 0205                                            |                   |           | 3         |           | 5         |           |           |           |
| DQB1*0203                                                               |                   |           | 3         |           |           |           |           |           |
| DQB1*030101-030104, 0310, 0313, 0316, 0317, 0319, 0321-0324             |                   |           |           | 4         |           |           |           |           |
| DQB1*030201-030204                                                      |                   |           |           |           | 5         | 6         |           |           |
| DQB1*030302, 030303, 0312, 0315, 0320                                   |                   |           |           | 4         |           | 6         |           |           |
| DQB1*0304-030504, 0314                                                  |                   |           |           |           |           |           |           |           |
| DQB1*0306                                                               |                   |           |           |           |           | 6         | 7         |           |
| DQB1*0307, 0318                                                         |                   |           |           |           | 5         | 6         |           | 8         |
| DQB1*0308                                                               |                   |           |           |           | 5         | 6         |           |           |
| DQB1*0309                                                               |                   |           |           | 4         |           |           |           |           |
| Well No.                                                                | 1                 | 2         | 3         | 4         | 5         | 6         | 7         | 8         |

|                                               |     |     |     |    |     |     |     |     |
|-----------------------------------------------|-----|-----|-----|----|-----|-----|-----|-----|
| Length of spec.                               | 175 | 165 | 210 | 80 | 135 | 130 | 115 | 150 |
| PCR product                                   |     |     |     |    |     |     |     | 220 |
| Well No.                                      | 1   | 2   | 3   | 4  | 5   | 6   | 7   | 8   |
| DQB1*0311                                     |     |     |     |    | 5   | 6   |     |     |
| DQB1*0325                                     |     |     |     |    |     |     | 7   |     |
| DQB1*060101-060104, 0607,<br>0615, 0632, 0635 | w   |     |     |    |     |     |     |     |
| DQB1*060202, 060302                           |     |     |     |    |     |     |     |     |
| DQB1*0629                                     |     |     |     |    | 5   | 6   |     |     |
| DQA1 or DQB1 allele <sup>4</sup>              |     |     |     |    |     |     |     |     |
| Well No.                                      | 1   | 2   | 3   | 4  | 5   | 6   | 7   | 8   |

| INTERPRETATION TABLE                                                    |            |            |            |            |            |            |                                                             |
|-------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|-------------------------------------------------------------|
| DQA1*02,05;DQB1*02,0302 typing                                          |            |            |            |            |            |            |                                                             |
| Amplification patterns of the DQA1*02 and 05 and DQB1*02 and 03 alleles |            |            |            |            |            |            |                                                             |
| Well <sup>5</sup>                                                       |            |            |            |            |            |            |                                                             |
| 9                                                                       | 10         | 11         | 12         | 13         | 14         | 15         |                                                             |
| 135                                                                     | 135        | 145        | 90         | 200        | 200        | 205        | Length of spec.                                             |
|                                                                         | 260        | 185        |            |            |            |            | PCR product                                                 |
| 515                                                                     | 515        | 515        | 515        | 430        | 515        | 515        | Length of int.                                              |
|                                                                         |            |            |            |            |            |            | pos. control <sup>1</sup>                                   |
| 38(210)                                                                 | 14(136)    | 38(210)    | 59(245)    | 107(389)   | 107(389)   | 21(131)    | 5'-primer(s) <sup>2</sup>                                   |
| 5' -gCA 3'                                                              | 5' -gCC 3' | 5' -gCA 3' | 5' -CCg 3' | 5' -CAT 3' | 5' -CAT 3' | 5' -TCC 3' |                                                             |
|                                                                         | 135(500)   | 48(240)    |            |            |            |            |                                                             |
|                                                                         | 5' -TgA 3' | 5' -CgC 3' |            |            |            |            |                                                             |
|                                                                         |            | 55(260)    |            |            |            |            |                                                             |
|                                                                         |            | 5' -gCC 3' |            |            |            |            |                                                             |
|                                                                         |            | 55(260)    |            |            |            |            |                                                             |
|                                                                         |            | 5' -gCA 3' |            |            |            |            |                                                             |
|                                                                         |            |            |            |            |            |            |                                                             |
| 70(304)                                                                 | 86(353)    | 86(353)    | 75(293)    | 160(547)   | 160(547)   | 75(293)    | 3'-primer(s) <sup>3</sup>                                   |
| 5' -CCC 3'                                                              | 5' -gCT 3' | 5' -gCT 3' | 5' -gAC 3' | 5' -AgC 3' | 5' -AgA 3' | 5' -gAC 3' |                                                             |
|                                                                         | 167(596)   |            |            |            |            |            |                                                             |
|                                                                         | 5' -CAT 3' |            |            |            |            |            |                                                             |
| 9                                                                       | 10         | 11         | 12         | 13         | 14         | 15         | Well No.                                                    |
|                                                                         |            |            |            |            |            |            | DQA1 or DQB1 allele <sup>4</sup>                            |
|                                                                         |            |            |            |            |            |            | DQA1*0201                                                   |
|                                                                         |            |            |            | 13         |            | 15         | DQA1*050101, 050102, 0505, 0508, 0509                       |
|                                                                         |            |            | 12         | ?          | ?          | 15         | DQA1*0502                                                   |
|                                                                         |            |            |            |            | 14         | 15         | DQA1*0503, 0506, 0507                                       |
|                                                                         |            |            |            | ?          | ?          |            | DQA1*0504                                                   |
|                                                                         |            |            |            |            |            |            | DQB1*020101-0202, 0204, 0205                                |
|                                                                         |            |            |            |            |            |            | DQB1*0203                                                   |
|                                                                         |            | 11         |            |            |            |            | DQB1*030101-030104, 0310, 0313, 0316, 0317, 0319, 0321-0324 |
|                                                                         |            | 11         |            |            |            |            | DQB1*030201-030204                                          |
|                                                                         |            | 11         |            |            |            |            | DQB1*030302, 030303, 0312, 0315, 0320                       |
|                                                                         |            | 11         |            |            |            |            | DQB1*0304-030504, 0314                                      |
|                                                                         |            | 11         |            |            |            |            | DQB1*0306                                                   |
|                                                                         |            | 11         |            |            |            |            | DQB1*0307, 0318                                             |
| 9                                                                       |            | 11         |            |            |            |            | DQB1*0308                                                   |
|                                                                         | 10         | 11         |            |            |            |            | DQB1*0309                                                   |
| 9                                                                       | 10         | 11         | 12         | 13         | 14         | 15         | Well No.                                                    |

|            |            |            |           |            |            |            |                                                       |
|------------|------------|------------|-----------|------------|------------|------------|-------------------------------------------------------|
| <b>135</b> | <b>135</b> | <b>145</b> | <b>90</b> | <b>200</b> | <b>200</b> | <b>205</b> | <b>Length of spec.</b>                                |
|            | <b>260</b> | <b>185</b> |           |            |            |            | <b>PCR product</b>                                    |
| <b>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b> | <b>13</b>  | <b>14</b>  | <b>15</b>  | <b>Well No.</b>                                       |
|            | <b>10</b>  | <b>11</b>  |           |            |            |            | <b>DQB1*0311</b>                                      |
|            |            | <b>11</b>  |           |            |            |            | <b>DQB1*0325</b>                                      |
|            |            |            |           |            |            |            | <b>DQB1*060101-060104, 0607,<br/>0615, 0632, 0635</b> |
| <b>9</b>   |            |            |           |            |            |            | <b>DQB1*060202, 060302</b>                            |
|            |            |            |           |            |            |            | <b>DQB1*0629</b>                                      |
|            |            |            |           |            |            |            | <b>DQA1 or DQB1 allele<sup>4</sup></b>                |
| <b>9</b>   | <b>10</b>  | <b>11</b>  | <b>12</b> | <b>13</b>  | <b>14</b>  | <b>15</b>  | <b>Well No.</b>                                       |