

INTERPRETATION TABLE								
HLA-B*52 SSP subtyping								
Amplification patterns of the B*5201 to B*5212 alleles								
	Well							
	1	2	3	4	5	6	7	8
Length of spec.	95	235	95	140	190	135	225	320
PCR product								
Length of int.	800	1070	1070	1070	1070	1070	800	1070
pos. control ¹								
5'-primer ²	527	106	206	209	435	435	134	49
	5'-TgA ^{3'}	5'-CCA ^{3'}	5'-gAC ^{3'}	5'-ggC ^{3'}	5'-AAA ^{3'}	5'-AAA ^{3'}	5'-CCC ^{3'}	5'-CAG ^{3'}
3'-primer ³	583	302	259	309	583	527	317	200
	5'-gTg ^{3'}	5'-ggC ^{3'}	5'-CTC ^{3'}	5'-ATC ^{3'}	5'-gTA ^{3'}	5'-CCA ^{3'}	5'-ggA ^{3'}	5'-TCT ^{3'}
Well No.	1	2	3	4	5	6	7	8
HLA-B allele								
*520101-520104	1		3					
*5202	1			4				
*5203			3		5	6		
*5204	1		3					8
*5205	1		3				7	
*520601	1		3					
*520602	1		3					
*5207	1		3					
*5208	1		3					
*5209	1	2	3					
*5210			3			6		
*5211			3		5			
*5212	1		3					
Well No.	1	2	3	4	5	6	7	8

Length of spec.	95	235	95	140	190	135	225	320
PCR product								
Well No.	1	2	3	4	5	6	7	8
*070201-070502, 0706-0737, 0739-0757, 0759-0764, 080101-080105, 0804-0836, 1307N, 15010101-15010102N, 150103-150104, 150106-1503, 1505-1508, 1510-1512, 1514, 1515, 1518, 1519, 1521, 1523, 1525-1535, 1539, 1540, 1542, 1544-1558, 1560-1566, 1568-1586, 1588-1594N, 1596-1599, 9501, 9503-9529, 9531-9546, 180101-1811, 1813, 1814, 1817N, 1818, 1820-1829, 2701-270402, 270502-2713, 2715-2721, 2724-2728, 2730-2742, 3531, 3543, 3546, 3557, 3560, 3579, 3587, 3708, 380101-380202, 3804, 3805, 3808-3817, 39010101-39010102L, 390103-3920, 3922-3943, 400101-400105, 400201-4005, 4007-4012, 401401-4016, 4018, 4020-4025, 4027, 4029-4040, 4042, 4043, 4045, 4046, 4048-4050, 4052, 4054-4069, 4071-4074, 4076-4082, 4084, 4085, 4087, 4088, 4101-4108, 4201, 4202, 4204-4209, 4409, 4412, 4446, 4501-4508, 460101-4614, 4702, 480101-480102, 480301-4817, 4819, 5001, 5002, 5004, 5401-5413, 550101-5505, 5507, 5508, 5510-5521, 5525, 5526, 5528-5530, 5601-5604, 5607-5620, 5622, 5623, 5712, 5716, 5811, 670101-6702, 8101, 8102, 8104N, 8201, 8202, 8301								
*070503, 150102, 1509, 4026					5			
*0738, 0802, 0803, 2723, 3806, 3807, 4013, 4406, 5901, 5902								
*1301, 1303, 1306, 1310-1313, 1317, 1320, 1321, 1536, 1543, 2729, 3706, 3803, 4019, 4047, 44020101-4405, 4407, 4408, 4410, 4411, 4413-4419N, 4421-4445, 4448-4460, 47010101-47010102, 4703-4705, 4818, 4901, 4902								
*130201-130204, 1308Q, 1314-1316, 1318								
*1304, 4420, 4447, 4904, 4905								
*1309, 1319, 2714, 40060101-400602, 4053, 4070, 4075, 4083, 4086, 5509, 5522, 5524								
Well No.	1	2	3	4	5	6	7	8

Length of spec.	95	235	95	140	190	135	225	320
PCR product								
Well No.	1	2	3	4	5	6	7	8
*1401-1408, 1537, 1538, 1815, 1819, 4028, 4051, 560501-5606	1							
*1504, 5523, 5527								
*1513, 15170101-151702, 570101-5711, 5713-5715				4				
*1516, 1567, 1595				4				
*1520, 350101-350401, 3505-350902, 3511, 3512, 351401-3515, 3517-352002, 3522-3527, 3529, 3530, 3532-3536, 3538-3542, 3544, 3545, 3547-3556, 3558, 3559, 3561-356802, 3570-3572, 3574-3578, 3581-3586, 3588, 4802, 5309, 580101-5802, 5804-5807, 5809, 5810N, 5812-5817N, 8103								
*1524				4				
*1587		2		4				
*1812, 3705, 3711			3					
*350402, 7804					5	6		
*3510, 3513, 3516, 3528, 3569, 3580			3					
*3521, 5107, 5122, 5621, 5808, 7801-7803, 7805	1							
*3537								
*370101-3704, 3707, 3709, 3710, 3712, 3713, 4903			3					
*400106					5	6		
*4044								
*510101-510109, 5103, 5104, 5106, 5111N-5114, 5117, 5118, 5121, 512401-512402, 5126-5130, 5132, 5133, 5135, 5138, 5139, 5141N, 5143, 5145, 5146, 5148-5152, 5155, 5306	1							
*510201-510203, 5123, 5136					5			
*5105, 5140, 5154					5	6		
*5108, 5115, 5120, 5142, 5144N, 5153, 530101-5304, 5307, 5308, 5310-5315								
*510901-510902, 5119						6		
*5110								
*5116	1							
Well No.	1	2	3	4	5	6	7	8

Length of spec.	95	235	95	140	190	135	225	320
PCR product								
Well No.	1	2	3	4	5	6	7	8
*5131						6		
*5134					5			
*5137	1							
*5305, 5316	2							
*7301								
HLA-B allele								
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE							
HLA-B*52 SSP subtyping							
Amplification patterns of the B*5201 to B*5212 alleles							
Well							
9	10	11	12	13	14	15	
100	245	85	85	165	165	95	Length of spec.
							PCR product
800	1070	1070	1070	800	1070	1070	Length of int.
							pos. control ¹
213	357	272	272	652	652	357	5'-primer ²
5'-CCg ^{3'}	5'-Tgg ^{3'}	5'-CTT ^{3'}	5'-CTC ^{3'}	5'-CCg ^{3'}	5'-CCA ^{3'}	5'-Tgg ^{3'}	
272	559	317	317	774	774	412	3'-primer ³
5'-TgA ^{3'}	5'-CTC ^{3'}	5'-ggA ^{3'}	5'-ggA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-gTC ^{3'}	
9	10	11	12	13	14	15	Well No.
							HLA-B allele
			12	13			*520101-520104
			12	13			*5202
			12	13			*5203
			12	13			*5204
			12	13			*5205
9		11		13			*520601
		11		13			*520602
			12		14		*5207
	10		12	13			*5208
			12	13			*5209
			12	13			*5210
			12	13			*5211
			12	13		15	*5212
9	10	11	12	13	14	15	Well No.

100	245	85	85	165	165	95	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.
					14		*070201-070502, 0706-0737, 0739-0757, 0759-0764, 080101-080105, 0804-0836, 1307N, 15010101-15010102N, 150103-150104, 150106-1503, 1505-1508, 1510-1512, 1514, 1515, 1518, 1519, 1521, 1523, 1525-1535, 1539, 1540, 1542, 1544-1558, 1560-1566, 1568-1586, 1588-1594N, 1596-1599, 9501, 9503-9529, 9531-9546, 180101-1811, 1813, 1814, 1817N, 1818, 1820-1829, 2701-270402, 270502-2713, 2715-2721, 2724-2728, 2730-2742, 3531, 3543, 3546, 3557, 3560, 3579, 3587, 3708, 380101-380202, 3804, 3805, 3808-3817, 39010101-39010102L, 390103-3920, 3922-3943, 400101-400105, 400201-4005, 4007-4012, 401401-4016, 4018, 4020-4025, 4027, 4029-4040, 4042, 4043, 4045, 4046, 4048-4050, 4052, 4054-4069, 4071-4074, 4076-4082, 4084, 4085, 4087, 4088, 4101-4108, 4201, 4202, 4204-4209, 4409, 4412, 4446, 4501-4508, 460101-4614, 4702, 480101-480102, 480301-4817, 4819, 5001, 5002, 5004, 5401-5413, 550101-5505, 5507, 5508, 5510-5521, 5525, 5526, 5528-5530, 5601-5604, 5607-5620, 5622, 5623, 5712, 5716, 5811, 670101-6702, 8101, 8102, 8104N, 8201, 8202, 8301
					14		*070503, 150102, 1509, 4026
		11			14		*0738, 0802, 0803, 2723, 3806, 3807, 4013, 4406, 5901, 5902
			12		14		*1301, 1303, 1306, 1310-1313, 1317, 1320, 1321, 1536, 1543, 2729, 3706, 3803, 4019, 4047, 44020101-4405, 4407, 4408, 4410, 4411, 4413-4419N, 4421-4445, 4448-4460, 47010101-47010102, 4703-4705, 4818, 4901, 4902
	10		12		14		*130201-130204, 1308Q, 1314-1316, 1318
			12		14	15	*1304, 4420, 4447, 4904, 4905
	10				14		*1309, 1319, 2714, 40060101-400602, 4053, 4070, 4075, 4083, 4086, 5509, 5522, 5524
9	10	11	12	13	14	15	Well No.

100	245	85	85	165	165	95	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.
					14		*1401-1408, 1537, 1538, 1815, 1819, 4028, 4051, 560501-5606
					14	15	*1504, 5523, 5527
					14		*1513, 15170101-151702, 570101-5711, 5713-5715
					14	15	*1516, 1567, 1595
				13			*1520, 350101-350401, 3505-350902, 3511, 3512, 351401-3515, 3517-352002, 3522-3527, 3529, 3530, 3532-3536, 3538- 3542, 3544, 3545, 3547-3556, 3558, 3559, 3561-356802, 3570-3572, 3574-3578, 3581-3586, 3588, 4802, 5309, 580101- 5802, 5804-5807, 5809, 5810N, 5812- 5817N, 8103
			12		14		*1524
			12		14		*1587
					14		*1812, 3705, 3711
				13			*350402, 7804
				13			*3510, 3513, 3516, 3528, 3569, 3580
				13			*3521, 5107, 5122, 5621, 5808, 7801- 7803, 7805
				13		15	*3537
			12		14		*370101-3704, 3707, 3709, 3710, 3712, 3713, 4903
					14		*400106
	10				14	15	*4044
		11		13			*510101-510109, 5103, 5104, 5106, 5111N-5114, 5117, 5118, 5121, 512401- 512402, 5126-5130, 5132, 5133, 5135, 5138, 5139, 5141N, 5143, 5145, 5146, 5148-5152, 5155, 5306
		11		13			*510201-510203, 5123, 5136
		11		13			*5105, 5140, 5154
		11		13			*5108, 5115, 5120, 5142, 5144N, 5153, 530101-5304, 5307, 5308, 5310-5315
		11		13			*510901-510902, 5119
	10	11		13			*5110
	10	11		13			*5116
9	10	11	12	13	14	15	Well No.

100	245	85	85	165	165	95	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.
	10	11		13			*5131
	10	11		13			*5134
		11		13		15	*5137
		11		13			*5305, 5316
	10						*7301
							HLA-B allele
9	10	11	12	13	14	15	Well No.