

INTERPRETATION TABLE

HLA-B*52 SSP subtyping

Amplification patterns of the B*5201 to B*5211 alleles

	Tube							
	1	2	3	4	5	6	7	8
Length of spec.	95	235	95	110	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	141	435	435	134	49
	5'-TgA ³ '	5'-CCA ³ '	5'-gAC ³ '	5'-ATT ³ '	5'-AAA ³ '	5'-AAA ³ '	5'-CCC ³ '	5'-CAg ³ '
3'-primer ³	583	302	259	209	583	527	317	200
	5'-gTg ³ '	5'-ggC ³ '	5'-CTC ³ '	5'-gCg ³ '	5'-gTA ³ '	5'-CCA ³ '	5'-ggA ³ '	5'-TCT ³ '
Tube No.	1	2	3	4	5	6	7	8
HLA-B allele								
*520101-520104	+		+					
*5202	+			+				
*5203			+		+	+		
*5204	+		+					+
*5205	+		+				+	
*520601	+		+					
*520602	+		+					
*5207	+		+					
*5208	+		+					
*5209	+	+	+					
*5210			+			+		
*5211			+		+			
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	95	235	95	110	190	135	225	320
PCR product								
Tube No.	1	2	3	4	5	6	7	8
*070201-070502, 0706-0737, 0739-0760, 080101-080105, 0804-0834, 1307N, 15010101-15010102N, 150103-150104, 150106-1508, 1510-1519, 1521, 1523, 1525-1535, 1539, 1540, 1542, 1544-1558, 1560-1586, 1588-1599, 9501, 9503-9529, 9531-9539, 180101-1811, 1813, 1814, 1817N, 1818, 1820-1827, 2701-270402, 270502-2713, 2715-2721, 2724-2728, 2730-2738, 3531, 3543, 3546, 3557, 3560, 3579, 3708, 380101-380202, 3804, 3805, 3808-3817, 39010101-39010102L, 390103-3920, 3922-3943, 400101-4005, 4007-4012, 401401-4016, 4018, 4020-4025, 4027, 4029-4040, 4042, 4043, 4045, 4046, 4048-4050, 4052, 4054-4069, 4071-4074, 4076-4078, 4101-4108, 4201, 4202, 4204-4209, 4409, 4412, 4446, 4501-4507, 460101-4612, 4702, 480101-480102, 480301-4817, 4819, 5001, 5002, 5004, 5401-5413, 550101-5505, 5507, 5508, 5510-5521, 5523, 5525-5528, 5601-5604, 5607-5620, 570101-5714, 5811, 670101-6702, 8101, 8102, 8201, 8202, 8301								
*070503, 150102, 1509, 4026					+			
*0738, 0802, 0803, 2723, 3806, 3807, 4013, 4406, 5901, 5902								
*1301, 1303, 1304, 1306, 1310-1313, 1317, 1320, 1321, 1524, 1536, 1543, 2729, 3706, 3803, 4019, 4047, 44020101-4405, 4407, 4408, 4410, 4411, 4413-4445, 4447-4457, 47010101-47010102, 4703-4705, 4818, 4901, 4902, 4904, 4905								
*130201-130204, 1308Q, 1314-1316, 1318								
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	95	235	95	110	190	135	225	320
PCR product								
Tube No.	1	2	3	4	5	6	7	8
*1309, 1319, 2714, 40060101-400602, 4044, 4053, 4070, 4075, 5509, 5522, 5524								
*1401-1407N, 1537, 1538, 1815, 1819, 4028, 4051, 560501-5606	+							
*1520, 350101-350401, 3505-350902, 3511, 3512, 351401-3515, 3517-352002, 3522-3527, 3529, 3530, 3532-3542, 3544, 3545, 3547-3556, 3558, 3559, 3561-3568, 3570-3578, 3582, 3583, 4802, 5309, 5801, 5802, 5804-5807, 5809, 5810N, 5812-5815, 8103								
*1587		+						
*1812, 3705, 3711			+					
*350402, 7804					+	+		
*3510, 3513, 3516, 3528, 3569			+					
*3521, 5107, 5122, 5621, 5808, 7801-7803, 7805	+							
*370101-3704, 3707, 3709, 3710, 3712, 3713, 4903			+					
*510101-510108, 5103, 5104, 5106, 5111N-5114, 5117, 5118, 5121, 5124, 5126-5130, 5132, 5133, 5135, 5137-5139, 5141N, 5143, 5145, 5146, 5148-5151, 5306	+							
*510201-510203, 5123, 5136					+			
*5105, 5140					+	+		
*5108, 5115, 5120, 5144N, 530101-5304, 5307, 5308, 5310-5313								
*510901-510902, 5119						+		
*5110								
*5116	+							
*5131						+		
*5134					+			
*5142								
*5305		+						
*7301								
HLA-B allele								
Tube No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE						
HLA-B*52 SSP subtyping						
Amplification patterns of the B*5201 to B*5211 alleles						
Tube						
9	10	11	12	13	14	
100	245	85	85	165	165	Length of spec.
						PCR product
800	1070	1070	1070	800	1070	Length of int.
						pos. control¹
213	357	272	272	652	652	5'-primer²
5'-CCg ^{3'}	5'-Tgg ^{3'}	5'-CTT ^{3'}	5'-CTC ^{3'}	5'-CCg ^{3'}	5'-CCA ^{3'}	
272	559	317	317	774	774	3'-primer³
5'-TgA ^{3'}	5'-CTC ^{3'}	5'-ggA ^{3'}	5'-ggA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	
9	10	11	12	13	14	Tube No.
						HLA-B allele
			+	+		*520101-520104
			+	+		*5202
			+	+		*5203
			+	+		*5204
			+	+		*5205
+		+		+		*520601
		+		+		*520602
			+		+	*5207
	+		+	+		*5208
			+	+		*5209
			+	+		*5210
			+	+		*5211
9	10	11	12	13	14	Tube No.

100	245	85	85	165	165	Length of spec.
						PCR product
9	10	11	12	13	14	Tube No.
					+	*070201-070502, 0706-0737, 0739-0760, 080101-080105, 0804-0834, 1307N, 15010101-15010102N, 150103-150104, 150106-1508, 1510-1519, 1521, 1523, 1525-1535, 1539, 1540, 1542, 1544-1558, 1560-1586, 1588-1599, 9501, 9503-9529, 9531-9539, 180101-1811, 1813, 1814, 1817N, 1818, 1820-1827, 2701-270402, 270502-2713, 2715-2721, 2724-2728, 2730-2738, 3531, 3543, 3546, 3557, 3560, 3579, 3708, 380101-380202, 3804, 3805, 3808-3817, 39010101-39010102L, 390103-3920, 3922-3943, 400101-4005, 4007-4012, 401401-4016, 4018, 4020-4025, 4027, 4029-4040, 4042, 4043, 4045, 4046, 4048-4050, 4052, 4054-4069, 4071-4074, 4076-4078, 4101-4108, 4201, 4202, 4204-4209, 4409, 4412, 4446, 4501-4507, 460101-4612, 4702, 480101-480102, 480301-4817, 4819, 5001, 5002, 5004, 5401-5413, 550101-5505, 5507, 5508, 5510-5521, 5523, 5525-5528, 5601-5604, 5607-5620, 570101-5714, 5811, 670101-6702, 8101, 8102, 8201, 8202, 8301
					+	*070503, 150102, 1509, 4026
		+			+	*0738, 0802, 0803, 2723, 3806, 3807, 4013, 4406, 5901, 5902
			+		+	*1301, 1303, 1304, 1306, 1310-1313, 1317, 1320, 1321, 1524, 1536, 1543, 2729, 3706, 3803, 4019, 4047, 44020101-4405, 4407, 4408, 4410, 4411, 4413-4445, 4447-4457, 47010101-47010102, 4703-4705, 4818, 4901, 4902, 4904, 4905
	+		+		+	*130201-130204, 1308Q, 1314-1316, 1318
9	10	11	12	13	14	Tube No.

100	245	85	85	165	165	Length of spec.
						PCR product
9	10	11	12	13	14	Tube No.
	+				+	*1309, 1319, 2714, 40060101-400602, 4044, 4053, 4070, 4075, 5509, 5522, 5524
					+	*1401-1407N, 1537, 1538, 1815, 1819, 4028, 4051, 560501-5606
				+		*1520, 350101-350401, 3505-350902, 3511, 3512, 351401-3515, 3517-352002, 3522-3527, 3529, 3530, 3532-3542, 3544, 3545, 3547-3556, 3558, 3559, 3561-3568, 3570-3578, 3582, 3583, 4802, 5309, 5801, 5802, 5804-5807, 5809, 5810N, 5812-5815, 8103
			+		+	*1587
					+	*1812, 3705, 3711
				+		*350402, 7804
				+		*3510, 3513, 3516, 3528, 3569
				+		*3521, 5107, 5122, 5621, 5808, 7801-7803, 7805
			+		+	*370101-3704, 3707, 3709, 3710, 3712, 3713, 4903
		+		+		*510101-510108, 5103, 5104, 5106, 5111N-5114, 5117, 5118, 5121, 5124, 5126-5130, 5132, 5133, 5135, 5137-5139, 5141N, 5143, 5145, 5146, 5148-5151, 5306
		+		+		*510201-510203, 5123, 5136
		+		+		*5105, 5140
		+		+		*5108, 5115, 5120, 5144N, 530101-5304, 5307, 5308, 5310-5313
		+		+		*510901-510902, 5119
	+	+		+		*5110
	+	+		+		*5116
	+	+		+		*5131
	+	+		+		*5134
		+				*5142
		+		+		*5305
	+					*7301
						HLA-B allele
9	10	11	12	13	14	Tube No.