

INTERPRETATION TABLE

HLA-B*57 SSP subtyping

Amplification patterns of the B*5701 to 5719 alleles

	Well ⁴							
	1	2	3	4	5	6	7	8
Length of spec.	150	100	220	100	220	95	105	90
PCR product						180		250
Length of int.	800	1070	1070	800	1070	1070	1070	1070
pos. control ¹								
5'-primer(s) ²	355	362	362	355	362	362	209	209
	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-ggA ^{3'}
								362
								5'-ggT ^{3'}
3'-primer(s) ³	463	419	539	412	539	418	271	256
	5'-gCT ^{3'}	5'-Cgg ^{3'}	5'-TCA ^{3'}	5'-gTT ^{3'}	5'-TCC ^{3'}	5'-gTC ^{3'}	5'-CAC ^{3'}	5'-CCC ^{3'}
		419				500		572
		5'-CAg ^{3'}				5'-ggA ^{3'}		5'-gCg ^{3'}
Well No.	1	2	3	4	5	6	7	8
HLA-B allele								
*570101-570103	1	2	3					
*5702	1			4	5			
*570301-570302	1		3	4				
*5704	1				5	6		
*5705	1			4				
*5706	1	2	3			6		
*5707	1		3	4				8
*5708	1	2	3					
*5709	1			4				
*5710	1	2	3					
*5711								
*5712	1			4	5			
*5713		2			5			
*5714	1	2	3					
*5715	1	2	3				7	
*5716	1	2	3					8
*5717	1		3	4				
*5718	1	2	3					
*5719	1	2			5			
Well No.	1	2	3	4	5	6	7	8

Length of spec.	150	100	220	100	220	95	105	90
PCR product						180		250
Well No.	1	2	3	4	5	6	7	8
*070201-0724, 0726-0747, 0749N, 0750, 0752-0768, 0806, 0820, 1316, 1405-140602, 1408, 15010101-150104, 150106-150108, 1503, 1504, 1506-1512, 1514-1519, 1523, 1524, 1526N-1530, 1532-1535, 1537-1540, 1542, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1574, 1576, 1578, 1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501-9504, 9508-9510, 9513, 9515-9520, 9522, 9525-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9550, 1815, 1819, 1821, 1830, 270401-270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 3543, 3544, 3558, 3567, 3579, 3586, 3707, 3810, 3918, 3935, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 460101-4605, 4607N, 4608, 4610, 4612, 4614-4617, 4805, 4808, 4815, 490101-4905, 5001, 5002, 5004, 510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512402, 5126-5130, 5132-5139, 5141N, 5143, 5145, 5148-5152, 5155, 5157-5162, 520101-5202, 5204-5209, 5211-5214, 5406, 550101-550104, 5503, 5505, 5509, 5511, 5515, 5517, 5521, 5524, 5525, 5528, 5529, 5531, 5533, 5603, 560501-5606, 5621, 5808, 7801-7803, 7805, 7806								
*1301, 1306, 1307N, 1312, 1317, 1322, 1323, 1520, 1588, 1822, 2719, 2730, 350101-350107, 3503, 3507-350803, 3510, 3513, 3515-3517, 3519-352002, 3523-3530, 3533-3536, 3538-3542, 3545-3550, 3552, 3554-3557, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582, 3584, 3585, 3590-3594, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 4802, 5142, 530101-5305, 5309-5313, 5315, 5316, 5609, 5611, 580101-580102, 5804, 5805, 5809-5813, 5815, 5817N, 8301	1							

*1313, 350201-350203, 350401-350403, 3512, 3581, 3583, 3714, 4462, 5612	1		4					
Well No.	1	2	3	4	5	6	7	8

Length of spec.	150	100	220	100	220	95	105	90
PCR product						180		250
Well No.	1	2	3	4	5	6	7	8
*1320, 1502, 1513, 1521, 1525, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 3511, 351401-351402, 3521, 5306, 5308, 5819	1							
*1321, 350901-350902, 3518, 3588, 3712, 4004, 4064, 4068				4				
*1401-1404, 1407N,1409, 5806								
*3506, 3559, 370101-370104, 3703N-3706, 3708, 3710, 3711, 3942	1			w				
*3713	1			w				
*4028, 5104, 5146, 5156	1			4				
*4030, 4034			3	4				
*4817				w				
*5514	1	2	3					
*5802, 5807								
*5814	1	2	3					
HLA-B allele								
Well No.	1	2	3	4	5	6	7	8
Cw*0510				w				
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE

HLA-B*57 SSP subtyping

Amplification patterns of the B*5701 to 5719 alleles

Well ⁴								
9	10	11	12	13	14	15	16	
170	210	165	90	90	135	145	85	Length of spec.
		215			195		160	PCR product
1070	1070	800	1070	800	1070	1070	1070	Length of int.
								pos. control ¹
527	320	362	362	209	103	361	256	5'-primer(s) ²
5'-TgA ^{3'}	5'-CCC ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-CCT ^{3'}	5'-AgT ^{3'}	5'-ACg ^{3'}	
					446		362	
					5'-CgA ^{3'}		5'-ggT ^{3'}	
3 rd	2 nd	486	412	256	256	463	302	3'-primer(s) ³
5'-TAT ^{3'}	5'-TCg ^{3'}	5'-gCg ^{3'}	5'-gTT ^{3'}	5'-CCC ^{3'}	5'-CCC ^{3'}	5'-gCT ^{3'}	5'-ggC ^{3'}	
		538			539		481	
		5'-gTC ^{3'}			5'-TCA ^{3'}		5'-gTA ^{3'}	
9	10	11	12	13	14	15	16	Well No.
								HLA-B allele
				13				*570101-570103
			12	13				*5702
			12	13				*570301-570302
				13				*5704
				13				*5705
				13				*5706
			12	13				*5707
	10			13				*5708
9		11	12	13				*5709
				13	14			*5710
				13		15		*5711
			12	13			16	*5712
9				13				*5713
		11		13				*5714
				13				*5715
								*5716
			12	13	14			*5717
				13			16	*5718
				13				*5719
9	10	11	12	13	14	15	16	Well No.

170	210	165	90	90	135	145	85	Length of spec.
		215			195		160	PCR product
9	10	11	12	13	14	15	16	Well No.
9								<p>*070201-0724, 0726-0747, 0749N, 0750, 0752-0768, 0806, 0820, 1316, 1405-140602, 1408, 15010101-150104, 150106-150108, 1503, 1504, 1506-1512, 1514-1519, 1523, 1524, 1526N-1530, 1532-1535, 1537-1540, 1542, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1574, 1576, 1578, 1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501-9504, 9508-9510, 9513, 9515-9520, 9522, 9525-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9550, 1815, 1819, 1821, 1830, 270401-270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 3543, 3544, 3558, 3567, 3579, 3586, 3707, 3810, 3918, 3935, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 460101-4605, 4607N, 4608, 4610, 4612, 4614-4617, 4805, 4808, 4815, 490101-4905, 5001, 5002, 5004, 510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512402, 5126-5130, 5132-5139, 5141N, 5143, 5145, 5148-5152, 5155, 5157-5162, 520101-5202, 5204-5209, 5211-5214, 5406, 550101-550104, 5503, 5505, 5509, 5511, 5515, 5517, 5521, 5524, 5525, 5528, 5529, 5531, 5533, 5603, 560501-5606, 5621, 5808, 7801-7803, 7805, 7806</p>
								<p>*1301, 1306, 1307N, 1312, 1317, 1322, 1323, 1520, 1588, 1822, 2719, 2730, 350101-350107, 3503, 3507-350803, 3510, 3513, 3515-3517, 3519-352002, 3523-3530, 3533-3536, 3538-3542, 3545-3550, 3552, 3554-3557, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582, 3584, 3585, 3590-3594, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 4802, 5142, 530101-5305, 5309-5313, 5315, 5316, 5609, 5611, 580101-580102, 5804, 5805, 5809-5813, 5815, 5817N, 8301</p>

								*1313, 350201-350203, 350401-350403, 3512, 3581, 3583, 3714, 4462, 5612			
9	10	11	12	13	14	15	16	Well No.			

170	210	165	90	90	135	145	85	Length of spec.
		215			195		160	PCR product
9	10	11	12	13	14	15	16	Well No.
9								*1320, 1502, 1513, 1521, 1525, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 3511, 351401-351402, 3521, 5306, 5308, 5819
								*1321, 350901-350902, 3518, 3588, 3712, 4004, 4064, 4068
9						15		*1401-1404, 1407N, 1409, 5806
								*3506, 3559, 370101-370104, 3703N-3706, 3708, 3710, 3711, 3942
9								*3713
9								*4028, 5104, 5146, 5156
			12					*4030, 4034
								*4817
9		11						*5514
						15		*5802, 5807
		11						*5814
								HLA-B allele
9	10	11	12	13	14	15	16	Well No.
								Cw*0510
9	10	11	12	13	14	15	16	Well No.