

INTERPRETATION TABLE

HLA-B*57 SSP subtyping

Amplification patterns of the B*5701 to 5729 alleles

	Well ⁵										
	1	2	3	4	5	6	7	8	9	10	11
Length of spec.	150	100	220	100	220	95	105	90	170	210	165
PCR product						180		250			215
Length of int. pos. control ¹	800	1070	1070	800	1070	1070	1070	1070	1070	1070	800
5'-primer(s) ²	355	362	362	355	362	362	209	209	527	320	362
	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-ggA ^{3'}	5'-TgA ^{3'}	5'-CCC ^{3'}	5'-ggT ^{3'}
								362			
								5'-ggT ^{3'}			
3'-primer(s) ³	463	419	539	412	539	418	271	256	3 rd	2 nd	486
	5'-gCT ^{3'}	5'-Cgg ^{3'}	5'-TCA ^{3'}	5'-gTT ^{3'}	5'-TCC ^{3'}	5'-gTC ^{3'}	5'-CAC ^{3'}	5'-CCC ^{3'}	5'-TAT ^{3'}	5'-TCg ^{3'}	5'-gCg ^{3'}
		419				500		572			538
		5'-Cag ^{3'}				5'-ggA ^{3'}		5'-gCg ^{3'}			5'-gTC ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11
HLA-B allele ⁴											
*570101-570104, 570106	1	2	3								
*570105		2	3								
*570201, 570202	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							10	
*5709	1			4					9		11
*5710	1	2	3								
*5711											
*5712	1			4	5						
*5713		2			5				9		
*5714	1	2	3								11
*5715	1	2	3				7				
Well No.	1	2	3	4	5	6	7	8	9	10	11

Length of spec.	150	100	220	100	220	95	105	90	170	210	165
PCR product						180		250			215
Well No.	1	2	3	4	5	6	7	8	9	10	11
*5716	1	2	3					8			
*5717	1		3	4							
*5718	1	2	3								
*5719	1	2			5						
*5720	1	2	3								
*5721	1	2	3								
*5722	1	2	3						9		
*5723	1	2	3								
*5724	1	2									11
*5725	1	2	3								
*5726	1	2	3								
*5727	1	2	3								
*5729	1	2	3								
*070201-0724, 0726-0747, 0749N, 0750, 0752-0799, 0806, 0820, 0853, 1316, 1331, 1405-140602, 1408, 1413, 15010101-150104, 150106-150116, 150301-1504, 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, 157801-1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501-9504, 9508-9510, 9513, 9515-9520, 9522, 9525-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9550, 9552, 9553, 9556-9561, 9563, 9564, 9566-9569, 9571-9575, 9577, 9578, 9581N-9584, 1815, 1819, 1821, 1830, 270401-270403, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 2754, 3543, 3544, 3558, 3567, 3579, 3586, 3599, 3707, 3810, 3918, 3935, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 4095, 4098, 460101-4605, 4607N, 4608, 4610, 4612, 4614-4617, 4620, 4622, 4805, 4808, 4815, 490101-4909, 500101-5002, 5004-5009, 510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512403, 5126-5130, 5132-5139, 5141N, 5143, 5145, 5148-5152, 5155, 5157-5172, 5174-5180, 5182-5189, 520101-5202, 5204-5209, 5211-5218, 5406, 550101-550106, 5503, 5505, 5509, 5511, 5515, 5517, 5521, 5524, 5525, 5528, 5529, 5531, 5533, 5536, 5538, 5603, 560501-5606, 5621, 5625, 5808, 7801-7803, 7805, 7806									9		
Well No.	1	2	3	4	5	6	7	8	9	10	11

Length of spec.	150	100	220	100	220	95	105	90	170	210	165
PCR product						180		250			215
Well No.	1	2	3	4	5	6	7	8	9	10	11
*0849, 130101-130103, 1306, 1307N, 1312, 1317, 132201-1323, 1325, 1326, 1328, 1329, 1336, 1520, 1588, 1822, 2719, 2730, 350101-350119, 350301-350303, 3507-350804, 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, 3598, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 4466-4475, 4478, 4480, 4481, 4483-4498, 480201, 480202, 5142, 530101-5305, 5307, 5309-5313, 5315-5318, 5320, 5321, 5609, 5611, 580101, 580102, 580104, 5804, 5805, 5809-5813, 5815, 5817N, 5821-5824, 8301	1										
*1313, 350201-350204, 350401-350403, 351201, 351202, 3581, 3583, 3595, 4462, 4477, 4482, 5319, 5612, 5828	1			4							
*1320, 1410, 150201-150204, 1513, 1521, 152501, 152502, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 9554, 9565, 9570, 3511, 351401, 351402, 3521, 3596, 4476, 4479, 5306, 530801, 530802, 5819	1								9		
*1321, 350901, 350902, 3518, 3588, 3712, 4004, 4064, 4068, 4099, 4213, Cw*1524				4							
*1401-1404, 1407N, 1409, 1411, 1412, 1414-1418, 5806									9		
*1844, 5802, 5807, 5825, Cw*0132, Cw*0620											
*3506, 3559, 370101-370107, 3703N-3706, 3708, 3710, 3711, 3714-3721, 3820, 3942	1			w							
*3713	1			w					9		
*4028, 5104, 5146, 5156	1			4					9		
*4030, 4034			3	4							
*4817, Cw*0510				w							
*5514	1	2	3						9		11
*5814	1	2	3								11
Well No.	1	2	3	4	5	6	7	8	9	10	11

INTERPRETATION TABLE

HLA-B*57 SSP subtyping

Amplification patterns of the B*5701 to 5729 alleles

Well ⁵											
12	13	14	15	16	17	18	19	20	21		
90	90	135	110	85	210	165	240	90	150		Length of spec.
		195	145	160				240			PCR product
1070	800	1070	1070	1070	1070	1070	1070	1070	1070		Length of int. pos. control ¹
362	209	103	361	256	362	130	362	209	352		5'-primer(s) ²
5'-ggT ^{3'}	5'-ggC ^{3'}	5'-cCT ^{3'}	5'-AgT ^{3'}	5'-ACg ^{3'}	5'-ggT ^{3'}	5'-AgT ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-ACg ^{3'}		
		446	704	362				362			
		5'-CgA ^{3'}	5'-TgT ^{3'}	5'-ggT ^{3'}				5'-ggT ^{3'}			
412	256	256	463	302	527	256	559	259	463		3'-primer(s) ³
5'-gTT ^{3'}	5'-CCC ^{3'}	5'-CCC ^{3'}	5'-gCT ^{3'}	5'-ggC ^{3'}	5'-cCT ^{3'}	5'-CCC ^{3'}	5'-CTC ^{3'}	5'-CTT ^{3'}	5'-gCT ^{3'}		
		539	774	481	537			559			
		5'-TCA ^{3'}	5'-ggT ^{3'}	5'-gTA ^{3'}	5'-Agg ^{3'}			5'-CgT ^{3'}			
12	13	14	15	16	17	18	19	20	21		Well No.
											HLA-B allele ⁴
	13										*570101-570104, 570106
	13										*570105
12	13										*570201, 570202
12	13										*570301, 570302
	13										*5704
	13										*5705
	13										*5706
12	13										*5707
	13										*5708
12	13										*5709
	13	14									*5710
	13		15								*5711
12	13			16							*5712
	13				17		19				*5713
	13										*5714
	13										*5715
12	13	14	15	16	17	18	19	20	21		Well No.

90	90	135	110	85	210	165	240	90	150	Length of spec.
		195	145	160				240		PCR product
12	13	14	15	16	17	18	19	20	21	Well No.
										*5716
12	13	14								*5717
	13			16						*5718
	13									*5719
								20		*5720
	13								21	*5721
	13				17					*5722
	13					18				*5723
	13									*5724
	13						19			*5725
	13							20		*5726
	13				17					*5727
	13	15								*5729
										*070201-0724, 0726-0747, 0749N, 0750, 0752-0799, 0806, 0820, 0853, 1316, 1331, 1405-140602, 1408, 1413, 15010101-150104, 150106-150116, 150301-1504, 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, 157801-1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501-9504, 9508-9510, 9513, 9515-9520, 9522, 9525-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9550, 9552, 9553, 9556-9561, 9563, 9564, 9566-9569, 9571-9575, 9577, 9578, 9581N-9584, 1815, 1819, 1821, 1830, 270401-270403, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 2754, 3543, 3544, 3558, 3567, 3579, 3586, 3599, 3707, 3810, 3918, 3935, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 4095, 4098, 460101-4605, 4607N, 4608, 4610, 4612, 4614-4617, 4620, 4622, 4805, 4808, 4815, 490101-4909, 500101-5002, 5004-5009, 510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512403, 5126-5130, 5132-5139, 5141N, 5143, 5145, 5148-5152, 5155, 5157-5172, 5174-5180, 5182-5189, 520101-5202, 5204-5209, 5211-5218, 5406, 550101-550106, 5503, 5505, 5509, 5511, 5515, 5517, 5521, 5524, 5525, 5528, 5529, 5531, 5533, 5536, 5538, 5603, 560501-5606, 5621, 5625, 5808, 7801-7803, 7805, 7806
12	13	14	15	16	17	18	19	20	21	Well No.

90	90	135	110	85	210	165	240	90	150	Length of spec.
		195	145	160				240		PCR product
12	13	14	15	16	17	18	19	20	21	Well No.
										*0849, 130101-130103, 1306, 1307N, 1312, 1317, 132201-1323, 1325, 1326, 1328, 1329, 1336, 1520, 1588, 1822, 2719, 2730, 350101-350119, 350301-350303, 3507-350804, 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, 3598, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 4466-4475, 4478, 4480, 4481, 4483-4498, 480201, 480202, 5142, 530101-5305, 5307, 5309-5313, 5315-5318, 5320, 5321, 5609, 5611, 580101, 580102, 580104, 5804, 5805, 5809-5813, 5815, 5817N, 5821-5824, 8301
										*1313, 350201-350204, 350401-350403, 351201, 351202, 3581, 3583, 3595, 4462, 4477, 4482, 5319, 5612, 5828
										*1320, 1410, 150201-150204, 1513, 1521, 152501, 152502, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 9554, 9565, 9570, 3511, 351401, 351402, 3521, 3596, 4476, 4479, 5306, 530801, 530802, 5819
										*1321, 350901, 350902, 3518, 3588, 3712, 4004, 4064, 4068, 4099, 4213, Cw*1524
			15							*1401-1404, 1407N, 1409, 1411, 1412, 1414-1418, 5806
			15							*1844, 5802, 5807, 5825, Cw*0132, Cw*0620
										*3506, 3559, 370101-370107, 3703N-3706, 3708, 3710, 3711, 3714-3721, 3820, 3942
										*3713
										*4028, 5104, 5146, 5156
12							19			*4030, 4034
										*4817, Cw*0510
					17			20		*5514
										*5814
12	13	14	15	16						Well No.