

INTERPRETATION TABLE												
HLA-B*58 SSP subtyping												
Amplification patterns of the B*5801 to B*5819 alleles												
	Well ⁵											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec. PCR product(s)	90	150	240	190	90	170	80	250	155	270	205	235
Length of int.	800	800	800	1070	1070	1070	1070	1070	800	800	1070	1070
pos. control ¹												
5'-primer(s) ²	209	355	361	106	463	527	486	361	141	355	361	366
	5'-ggA ³	5'-TCA ³	5'-AgT ³	5'-CCA ³	5'-TgA ³	5'-TgA ³	5'-ACC ³	5'-AgT ³	5'-ATT ³	5'-TCA ³	5'-AgT ³	5'-ATT ³
3'-primer(s) ³	256	463	559	256	512	3 rd	527	572	256	585	527	559
	5'-CCC ³	5'-gCT ³	5'-CAG ³	5'-CTC ³	5'-CCA ³	5'-TAT ³	5'-CCT ³	5'-gCg ³	5'-CCC ³	5'-gTg ³	5'-CCA ³	5'-CAG ³
				296								
				5'-CTg ³								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele ⁴												
*580101-580102	1	2										
*5802	1		3								11	
*5804		2		4								
*5805	1	2			5							
*5806	1		3			6	7					
*5807	1		3					8			11	
*5808	1					6	7		9			
*5809	1	2								10		
*5810N	1	2										12
*5811	1	2										
*5812	1	2										
*5813	1	2										
*5814	1	2										
*5815	1	2		4								
*5816	1											
*5817N	1	2										
*5818	1											
*5819	1	2				6	7					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	90	150	240	190	90	170	80	250	155	270	205	235
PCR product				230								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*070201-0708, 0710, 0712-0716, 071801-0724, 0726-0747, 0749N, 0750, 0752-0757, 0759-0766, 0806, 0820, 15010101-150104, 150106-150108, 1503, 1504, 1506, 1508-1512, 1514, 1515, 1518, 1519, 1523, 1524, 1526N-1530, 1532-1535, 1537-1540, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1566, 1569-1574, 1576, 1578, 1579N, 1581, 1582, 1587, 1590, 1592-1594N, 1596-1599, 9501, 9503, 9504, 9508-9510, 9513, 9515-9520, 9522, 9525, 9527-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9549N, 1819, 1821, 270401-270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 3543, 3579, 3707, 3918, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 460101-4605, 4607N, 4608, 4610, 4614-4616, 4805, 4808, 4815, 5406, 5521, 5603, 5713						6						
*0709, 0711, 0717, 1507, 1568, 9526, 4612						6						
*0725, 0748, 0751, 080101-0805, 0807-0819N, 0821-0827, 0829-0834, 0836, 130201-1304, 1308Q-1311, 1314, 1315, 1318, 1319, 1321, 1505, 1531, 1548, 1551, 1552, 1575, 1583, 1584, 1586, 1591, 9505, 9507, 9511N, 9514, 9523, 9536, 9545, 180101-1813, 1817N, 1818, 1820, 1823N-1829, 2701-2703, 270502-270510, 2707-2709, 2711-2714, 2716, 2717, 2723, 2726-2729, 2731-2739, 2741-2743, 3531, 3560, 3587, 3702, 3709, 3712, 3714, 380101-3809, 3811-3817, 39010101-39010102L, 390103-3917, 391901-3920, 3922-3934, 3937-3941, 3943-3945												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	90	150	240	190	90	170	80	250	155	270	205	235
PCR product				230								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
400101-400203, 4004, 40060101-401403, 4018-4022N, 4024, 4025, 4027, 4029-4031, 4033-4040, 4042-4050, 4052-4076, 4078-4086, 4088-4092, 4101-4108, 4201, 4202, 4204-4208, 4415, 4418, 4420, 4431, 4441, 4447, 4453, 4454, 4501-4509, 4606, 4609, 4611, 4613, 47010101-4705, 480101-480102, 480301-4804, 4806, 4807, 4809-4813, 4816-4819, 5401-5405N, 5407-5415, 550201-550202, 5504, 5507, 5508, 5510, 5512, 5513, 5516, 5518-5520, 5522, 5523, 5526, 5527, 5530, 5532, 5601, 5602, 5604, 5607, 5608, 5610, 5613-5620, 5622, 5623, 5901-5903, 670101-6702, 8101, 8102, 8104N, 8201, 8202												
*0758, 9502						6						
*0828, 0835, 1555, 1814, 4003, 4209												
*1301, 1306, 1307N, 1312, 1313, 1317, 1322, 1588, 2719, 2730, 3546, 3557, 370101-370104, 3703N, 3705, 3706, 3708, 3710, 3711, 3942, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-446402, 5609, 5611, 5612, 570101-5708, 5710, 5712, 5715-5717, 8301		2										
*1316, 1401-140202, 1404-1409, 1542, 1815, 3810, 3935, 4901-4905, 5001, 5002, 5004, 5207, 550101-550104, 5503, 5505, 5511, 5515, 5517, 5524, 5525, 5528, 5529, 5531, 560501-5606						6	7					
*1320, 5514		2				6	7					
*1403, 5509						6	w					
*1502, 1513, 1521, 1525, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 3713, 5709		2				6						
*1516-151702, 1567, 1595						6						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	90	150	240	190	90	170	80	250	155	270	205	235
PCR product				230								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*1520, 350101-350403, 3506-350803, 3510, 3512, 3513, 3515-3517, 3519-352002, 3523, 3525-3530, 3533-3536, 3538-3542, 3545, 3547-3550, 3552-3556, 3559, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582-3585, 3590-3594, 4802, 5142, 530101-530104, 5303-5305, 5309-5313, 5315, 5316		2										
*9524, 4077, 4087					5							
*1822, 3704, 5714		2								10		
*3505, 3551, 3566, 3572, 5314												
*350901-350902, 3518, 3522, 3532, 3537, 3564, 356801-356802, 3575, 3588, 5105, 5108-5110, 5115, 5119, 5120, 5131, 5140, 5144N, 5154, 5203, 5210, 5307, 7804, 8103												
*3511, 5308		2				6	7					
*351401-351402		2				6						
*3521, 5104, 5146, 5156, 5306		2				6	7			10		
*3524, 3581, 5302		2								10		
*3544, 3567, 3586, 512402, 5136						6						
*3558						6	7					
*4028		2				6	7			10		
*4814					5							
*510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512401, 5126-5128, 5130, 5132-5135, 5137-5139, 5141N, 5143, 5145, 5148-5152, 5157, , 520101-5202, 5204-520602, 5208, 5209, 5211-5214, 5621, 7801-7803, 7805, 7806						6	7					
*5129, 5155						6	w					
*5153							7					
*5711			3								11	
HLA-B allele ⁴												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Cw*0317			3									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE									
HLA-B*58 SSP subtyping									
Amplification patterns of the B*5801 to B*5819 alleles									
Well ⁵									
13	14	15	16	17	18	19	20	21	
165	165	155	145	370	140	95	530	440	Length of spec. PCR product(s)
1070	1070	1070	1070	1070	1070	800	1070	1070	Length of int.
									pos. control ¹
652	652	142	454	281	209	363	281	206	5'-primer(s) ²
5'-CCg ³	5'-CCA ³	5'-TCT ³	5'-ACA ³	5'-CTC ³	5'-ggA ³	5'-AgC ³	5'-CTC ³	5'-gAC ³	
774	774	256	559	369	309	419	527	362	3'-primer(s) ³
5'-ggT ³	5'-ggT ³	5'-CCC ³	5'-CAg ³	5'-CCg ³	5'-A.C ³	5'-Cgg ³	5'-CCT ³	5'-TCA ³	
13	14	15	16	17	18	19	20	21	Well No.
									HLA-B allele ⁴
13									*580101-580102
13									*5802
13									*5804
13									*5805
13							20		*5806
13									*5807
13							20		*5808
13									*5809
13									*5810N
	14								*5811
13		15							*5812
13			16						*5813
13								21	*5814
13									*5815
13				17					*5816
13					18				*5817N
13				17		19			*5818
13							20		*5819
13	14	15	16	17	18	19	20	21	Well No.

165	165	155	145	370	140	95	530	440	Length of spec.
									PCR product
13	14	15	16	17	18	19	20	21	Well No.
	14								*070201-0708, 0710, 0712-0716, 071801-0724, 0726-0747, 0749N, 0750, 0752-0757, 0759-0766, 0806, 0820, 15010101-150104, 150106-150108, 1503, 1504, 1506, 1508-1512, 1514, 1515, 1518, 1519, 1523, 1524, 1526N-1530, 1532-1535, 1537-1540, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1566, 1569-1574, 1576, 1578, 1579N, 1581, 1582, 1587, 1590, 1592-1594N, 1596-1599, 9501, 9503, 9504, 9508-9510, 9513, 9515-9520, 9522, 9525, 9527-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9549N, 1819, 1821, 270401-270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 3543, 3579, 3707, 3918, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 460101-4605, 4607N, 4608, 4610, 4614-4616, 4805, 4808, 4815, 5406, 5521, 5603, 5713
	14					19			*0709, 0711, 0717, 1507, 1568, 9526, 4612
	14								*0725, 0748, 0751, 080101-0805, 0807-0819N, 0821-0827, 0829-0834, 0836, 130201-1304, 1308Q-1311, 1314, 1315, 1318, 1319, 1321, 1505, 1531, 1548, 1551, 1552, 1575, 1583, 1584, 1586, 1591, 9505, 9507, 9511N, 9514, 9523, 9536, 9545, 180101-1813, 1817N, 1818, 1820, 1823N-1829, 2701-2703, 270502-270510, 2707-2709, 2711-2714, 2716, 2717, 2723, 2726-2729, 2731-2739, 2741-2743, 3531, 3560, 3587, 3702, 3709, 3712, 3714, 380101-3809, 3811-3817, 39010101-39010102L, 390103-3917, 391901-3920, 3922-3934, 3937-3941, 3943-3945
13	14	15	16	17	18	19	20	21	Well No.

165	165	155	145	370	140	95	530	440	Length of spec.
									PCR product
13	14	15	16	17	18	19	20	21	Well No.
14									400101-400203, 4004, 40060101-401403, 4018-4022N, 4024, 4025, 4027, 4029-4031, 4033-4040, 4042-4050, 4052-4076, 4078-4086, 4088-4092, 4101-4108, 4201, 4202, 4204-4208, 4415, 4418, 4420, 4431, 4441, 4447, 4453, 4454, 4501-4509, 4606, 4609, 4611, 4613, 47010101-4705, 480101-480102, 480301-4804, 4806, 4807, 4809-4813, 4816-4819, 5401-5405N, 5407-5415, 550201-550202, 5504, 5507, 5508, 5510, 5512, 5513, 5516, 5518-5520, 5522, 5523, 5526, 5527, 5530, 5532, 5601, 5602, 5604, 5607, 5608, 5610, 5613-5620, 5622, 5623, 5901-5903, 670101-6702, 8101, 8102, 8104N, 8201, 8202
									*0758, 9502
14				19					*0828, 0835, 1555, 1814, 4003, 4209
	14								*1301, 1306, 1307N, 1312, 1313, 1317, 1322, 1588, 2719, 2730, 3546, 3557, 370101-370104, 3703N, 3705, 3706, 3708, 3710, 3711, 3942, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-446402, 5609, 5611, 5612, 570101-5708, 5710, 5712, 5715, 5717, 8301
14									*1316, 1401-140202, 1404-1409, 1542, 1815, 3810, 3935, 4901-4905, 5001, 5002, 5004, 5207, 550101-550104, 5503, 5505, 5511, 5515, 5517, 5524, 5525, 5528, 5529, 5531, 560501-5606
	14								*1320, 5514
14									*1403, 5509
	14								*1502, 1513, 1521, 1525, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 3713, 5709
14				20					*1516-151702, 1567, 1595
13	14	15	16	17	18	19	20	21	Well No.

165	165	155	145	370	140	95	530	440	Length of spec.
									PCR product
13	14	15	16	17	18	19	20	21	Well No.
13									*1520, 350101-350403, 3506-350803, 3510, 3512, 3513, 3515-3517, 3519-352002, 3523, 3525-3530, 3533-3536, 3538-3542, 3545, 3547-3550, 3552-3556, 3559, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582-3585, 3590-3594, 4802, 5142, 530101-530104, 5303-5305, 5309-5313, 5315, 5316
	14								*9524, 4077, 4087
	14								*1822, 3704, 5714
13						19			*3505, 3551, 3566, 3572, 5314
13									*350901-350902, 3518, 3522, 3532, 3537, 3564, 356801-356802, 3575, 3588, 5105, 5108-5110, 5115, 5119, 5120, 5131, 5140, 5144N, 5154, 5203, 5210, 5307, 7804, 8103
13									*3511, 5308
13									*351401-351402
13									*3521, 5104, 5146, 5156, 5306
13									*3524, 3581, 5302
13									*3544, 3567, 3586, 512402, 5136
13						19			*3558
	14								*4028
	14					19			*4814
13									*510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512401, 5126-5128, 5130, 5132-5135, 5137-5139, 5141N, 5143, 5145, 5148-5152, 5157, , 520101-5202, 5204-520602, 5208, 5209, 5211-5214, 5621, 7801 7803, 7805, 7806
13									*5129, 5155
13									*5153
	14								*5711
									HLA-B allele ⁴
13	14	15	16	17	18	19	20	21	Well No.
									Cw*0317
13	14	15	16	17	18	19	20	21	Well No.