

INTERPRETATION TABLE						
HLA-B*54 SSP subtyping						
Amplification patterns of the B*5401 to 5419 alleles						
	Well ⁴					
	1	2	3	4	5	6
Length of spec.	215	105	160	160	180	105
PCR product						235
Length of int.	800	1070	1070	1070	1070	1070
pos. control ¹						
5'-primer ²	1 st I	357	106	103	420	357
	5' -Cag 3'	5' -Tgg 3'	5' -CCA 3'	5' -CCT 3'	5' -TTA 3'	5' -Tgg 3'
				103		
				5' -CCT 3'		
				110		
				5' -gTT 3'		
3'-primer(s) ³	175	420	226	226	553	419
	5' -CCg 3'	5' -gCT 3'	5' -CAC 3'	5' -CAC 3'	5' -CTA 3'	5' -CgT 3'
					559	553
					5' -Cag 3'	5' -CTA 3'
Well No.	1	2	3	4	5	6
HLA-B allele						
*5401	1	2	3			
*5402	1	2		4		
*5403	1	2	3		5	
*5404	1		3			6
*5405N	1	2				
*5406	1		3			
*5407	1	2	3			
*5408N	1	2	3		5	6
*5409	1		3			
*5410	1	2	3			
*5411	1		3			6
*5412	1	2	3			
*5413	1	2	3			
*5414	1		3			
*5415	1		3			6
*5416	1	2	3			
*5417	1	2	3			
*5418	1	2	3			
*5419	1	2	3	4		
*070219, 370104	1					

Well No.	1	2	3	4	5	6
Length of spec.	215	105	160	160	180	105
PCR product						235
Well No.	1	2	3	4	5	6
*0709, 0711, 0717, 0828, 0835, 0837, 1326, 15010101-150103, 150106-150303, 1506-1508, 151101-1515, 151801-1521, 1523-1529, 1532-1536, 153801-1540, 1543, 1544, 1546, 1547, 1549-1551, 1553, 1554, 1556, 1557, 1560-1562, 1564-1566, 1568-1572, 1574-1576, 157801-1582, 1584, 1585, 1587-1589, 1592-1594N, 1596-1598, 9501-9506, 9508-9513, 9515-9522, 9525-9529, 9531, 9532, 9534, 9535, 9538-9549N, 9552-9554, 9556-9561, 9563-9567, 9569-9576, 9578, 9581N-9584, 180106, 1802, 1808, 1815, 1818, 1819, 1821, 1822, 1827, 1830, 2741, 350101-350119, 3507-350804, 3510, 3511, 351401-3517, 3519-3521, 3523-3530, 3535, 3540N-3543, 3545-3550, 3552-3554, 3557, 3558, 3561-3564, 3567, 356801, 3569, 3571, 3576-3580, 3582, 3586, 3590-3594, 3599, 4059, 4060, 4209, 4417, 4443, 460101-4605, 4607N-4610, 4612, 4614-4617, 4620, 4622, 480201, 480202, 5145, 5163, 530101-5303, 5305, 5306, 530801-5313, 5315-5318, 5320, 5321, 5514, 5532, 5603, 5609, 570101-570106, 5706, 5708, 5710, 5711, 5713-5716, 5718-5727, 5729, 580101-5802. 5804-5807. 5809-5815. 5817N. 5819. 5821-5822. 5824-5827. 5829-5832. 5834-5837. 5839-5842. 5844-5847. 5849-5852. 5854-5857. 5859-5862. 5864-5867. 5869-5872. 5874-5877. 5879-5882. 5884-5887. 5889-5892. 5894-5897. 5899-5902. 5904-5907. 5909-5912. 5914-5917. 5919-5922. 5924-5927. 5929-5932. 5934-5937. 5939-5942. 5944-5947. 5949-5952. 5954-5957. 5959-5962. 5964-5967. 5969-5972. 5974-5977. 5979-5982. 5984-5987. 5989-5992. 5994-5997. 5999-6002. 6004-6007. 6009-6012. 6014-6017. 6019-6022. 6024-6027. 6029-6032. 6034-6037. 6039-6042. 6043, 4045-4050, 4054-4058, 4061-4063, 4065-4067, 4069, 407201-4074, 4076-4082, 4084, 4085, 4087-4092, 4097, 4099, 4431, 4454, 4465, 4482, 480101, 480102, 480301, 4804, 4806, 4807, 4809-4813, 4816, 4818, 4820, 5181, 5504, 5508, 5610, 5820, 5827, 670101, 670102, 8101-8104N, Cw*0203						
*0713				4		
*0748, 0813, 0825, 1311, 1548, 1826, 1841, 2707, 2711, 2732-2734, 2743, 3522, 3531, 380101-3809, 3812-3819, 3821, 39010101, 39010102L, 390103-390502, 3910, 3912-3917, 391901-3920, 3922, 3923, 3925N-3932, 3937-3941, 3944-3949, 3951-3956, 400101-400103, 400105-400208, 4007-401403, 4018, 4019, 4021, 4022N, 4024, 4025, 4027, 4029, 4031, 4033, 4035-4037, 4039, 4040, 4042, 4043, 4045-4050, 4054-4058, 4061-4063, 4065-4067, 4069, 407201-4074, 4076-4082, 4084, 4085, 4087-4092, 4097, 4099, 4431, 4454, 4465, 4482, 480101, 480102, 480301, 4804, 4806, 4807, 4809-4813, 4816, 4818, 4820, 5181, 5504, 5508, 5610, 5820, 5827, 670101, 670102, 8101-8104N, Cw*0203						
*0778, 1318, 1331, 5509, 5521, 5537		2				
*0784						6
Well No.	1	2	3	4	5	6

Length of spec.	215	105	160	160	180	105
PCR product						235
Well No.	1	2	3	4	5	6
*0809, 1583, 2714, 40060101-400602, 4053, 4070, 4075, 4083, 4093, 4095, 4096, 4101, 4105-4107, 4109, 4112, 4204, 510101-5103, 5107-5112, 5114, 5116-512403, 5126-5128, 5130-5134, 5136, 5138, 5140, 5141N, 5143, 5144N, 5148-5153, 5155, 5157, 5158, 5160, 5165-5180, 5183-5189, 520101-5211, 5213, 5215-5219, 5517, 5520, 5528, 560501-5606, 5615, 5621, 5808, 5902, 7801-7806						6
*0840						
*130201-130206, 1308Q, 1309, 1314-1316, 1319, 1327, 1330, 1332-1334, 1542, 3560, 4503, 4508, 4510, 4618, 4907, 550101-550103, 550105-5503, 5505, 5507, 5510-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5529-5531, 5533-5536, 5538, 5619N, 5623, 5901, 5905		2				
*1303, 4415, 4418, 4501, 4504-4507, 4511, 4611, 490101-4903, 4906, 4908, 4909, 500101-5002, 5004-5008, 5115, 560101-560103, 5607, 5608, 5613, 5614, 5616, 5617, 5620, 5624-5627, 5904		2			5	
*1304, 1516, 1567, 1595, 9555, 3537, 4509, 4904, 4905, 5137, 5523						
*1310, 150501, 150502, 1531, 1552, 1555, 1591, 9507, 9514, 9523, 9524, 9536, 9551, 9585, 9586, 180101-180105, 180107, 180108, 1803-180702, 1809-1812, 1814, 1817N, 1820, 1823N-1825, 1828, 1829, 1831-1840, 1842-1847, 3505, 3532, 3551, 356802, 3572, 3589, 3597, 3907, 3943, 4003, 4020, 4038, 4052, 4606, 461301, 461302, 4619, 4621, 4814, 5314, 5618, 5816, 5818						
*1335, 4044, 4420, 4447, 5212, 5527						6
*150104	1					
*1504						
*1573, 4410, 5162, 8201-8203					5	
*9537, 3933						
*1813, 3566						
*3811, 6702				4		
*4071, 5602, 5604					5	
*4094	1					
*4424, Cw*0530			3			
*5105, 5129, 5154, 5161, 5182						6
*5139			3			6
HLA-B allele						

Well No.	1	2	3	4	5	6
----------	---	---	---	---	---	---

[illegible]

7	8	9	10	11	12	13	14	15	16
140	280	200	225	185	150	135	210	95	340
				210					
7	8	9	10	11	12	13	14	15	16
	8								
		9							
			10						
			10					15	
7	8	9	10	11	12	13	14	15	16

[illegible]

7	8	9	10	11	12	13	14	15	16
---	---	---	----	----	----	----	----	----	----

ON TABLE	
subtyping	
B*5401 to 5419 alleles	
	Length of spec.
	PCR product
	Length of int.
	pos. control ¹
	5'-primer ²
	3'-primer(s) ³
	Well No.
	HLA-B allele
	*5401
	*5402
	*5403
	*5404
	*5405N
	*5406
	*5407
	*5408N
	*5409
	*5410
	*5411
	*5412
	*5413
	*5414
	*5415
	*5416
	*5417
	*5418
	*5419
	*070219, 370104

Well No.
Length of spec.
PCR product
Well No.
*0709, 0711, 0717, 0828, 0835, 0837, 1326, 15010101-150103, 150106-150303, 1506-1508, 151101-1515, 151801-1521, 1523-1529, 1532-1536, 153801-1540, 1543, 1544, 1546, 1547, 1549-1551, 1553, 1554, 1556, 1557, 1560-1562, 1564-1566, 1568- 1572, 1574-1576, 157801-1582, 1584, 1585, 1587- 1589, 1592-1594N, 1596-1598, 9501-9506, 9508- 9513, 9515-9522, 9525-9529, 9531, 9532, 9534, 9535, 9538-9549N, 9552-9554, 9556-9561, 9563- 9567, 9569-9576, 9578, 9581N-9584, 180106, 1802, 1808, 1815, 1818, 1819, 1821, 1822, 1827, 1830, 2741, 350101-350119, 3507-350804, 3510, 3511, 351401-3517, 3519-3521, 3523-3530, 3535, 3540N- 3543, 3545-3550, 3552-3554, 3557, 3558, 3561-3564, 3567, 356801, 3569, 3571, 3576-3580, 3582, 3586, 3590-3594, 3599, 4059, 4060, 4209, 4417, 4443, 460101-4605, 4607N-4610, 4612, 4614-4617, 4620, 4622, 480201, 480202, 5145, 5163, 530101-5303, 5305, 5306, 530801-5313, 5315-5318, 5320, 5321, 5514, 5532, 5603, 5609, 570101-570106, 5706, 5708, 5710, 5711, 5713-5716, 5718-5727, 5729, 580101- 5802, 5804-5807, 5809-5815, 5817N, 5819, 5821- *0713
*0748, 0813, 0825, 1311, 1548, 1826, 1841, 2707, 2711, 2732-2734, 2743, 3522, 3531, 380101-3809, 3812-3819, 3821, 39010101, 39010102L, 390103- 390502, 3910, 3912-3917, 391901-3920, 3922, 3923, 3925N-3932, 3937-3941, 3944-3949, 3951-3956, 400101-400103, 400105-400208, 4007-401403, 4018, 4019, 4021, 4022N, 4024, 4025, 4027, 4029, 4031, 4033, 4035-4037, 4039, 4040, 4042, 4043, 4045- 4050, 4054-4058, 4061-4063, 4065-4067, 4069, 407201-4074, 4076-4082, 4084, 4085, 4087-4092, 4097, 4099, 4431, 4454, 4465, 4482, 480101, 480102, 480301, 4804, 4806, 4807, 4809-4813, 4816, 4818, 4820, 5181, 5504, 5508, 5610, 5820, 5827, 670101, 670102, 8101-8104N, Cw*0203
*0778, 1318, 1331, 5509, 5521, 5537
*0784
Well No.

Length of spec.
PCR product
Well No.
*0809, 1583, 2714, 40060101-400602, 4053, 4070, 4075, 4083, 4093, 4095, 4096, 4101, 4105-4107, 4109, 4112, 4204, 510101-5103, 5107-5112, 5114, 5116-512403, 5126-5128, 5130-5134, 5136, 5138, 5140, 5141N, 5143, 5144N, 5148-5153, 5155, 5157, 5158, 5160, 5165-5180, 5183-5189, 520101-5211, 5213, 5215-5219, 5517, 5520, 5528, 560501-5606, 5615, 5621, 5808, 5902, 7801-7806
*0840
*130201-130206, 1308Q, 1309, 1314-1316, 1319, 1327, 1330, 1332-1334, 1542, 3560, 4503, 4508, 4510, 4618, 4907, 550101-550103, 550105-5503, 5505, 5507, 5510-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5529-5531, 5533-5536, 5538, 5619N, 5623, 5901, 5905
*1303, 4415, 4418, 4501, 4504-4507, 4511, 4611, 490101-4903, 4906, 4908, 4909, 500101-5002, 5004-5008, 5115, 560101-560103, 5607, 5608, 5613, 5614, 5616, 5617, 5620, 5624-5627, 5904
*1304, 1516, 1567, 1595, 9555, 3537, 4509, 4904, 4905, 5137, 5523
*1310, 150501, 150502, 1531, 1552, 1555, 1591, 9507, 9514, 9523, 9524, 9536, 9551, 9585, 9586, 180101-180105, 180107, 180108, 1803-180702, 1809-1812, 1814, 1817N, 1820, 1823N-1825, 1828, 1829, 1831-1840, 1842-1847, 3505, 3532, 3551, 356802, 3572, 3589, 3597, 3907, 3943, 4003, 4020, 4038, 4052, 4606, 461301, 461302, 4619, 4621, 4814, 5314, 5618, 5816, 5818
*1335, 4044, 4420, 4447, 5212, 5527
*150104
*1504
*1573, 4410, 5162, 8201-8203
* 9537, 3933
*1813, 3566
*3811, 6702
*4071, 5602, 5604
*4094
*4424, Cw*0530
*5105, 5129, 5154, 5161, 5182
*5139
HLA-B allele

	Well No.
--	----------