

INTERPRETATION TABLE

HLA-B*48 SSP subtyping

Amplification patterns of the B*4801 to 4819 alleles

	Well ⁴							
	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	230	170	385	85
PCR product(s)					285			225
Length of int.	800	800	800	1070	1070	1070	1070	1070
pos. control ¹								
5'-primer(s) ²	44	499	363	355	363	144	44	260
	5'-ggC ^{3'}	5'-TCT ^{3'}	5'-AgC ^{3'}	5'-TCA ^{3'}	5'-Agg ^{3'}	5'-TCC ^{3'}	5'-ggC ^{3'}	5'-ggT ^{3'}
					419			419
					5'-gTC ^{3'}			5'-gTT ^{3'}
3'-primer(s) ³	259	605	499	463	605	272	259	302
	5'CTC ^{3'}	5'-gCT ^{3'}	5'-ggA ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-Tgg ^{3'}	5'-gTT ^{3'}	5'-ggC ^{3'}
								605
								5'-gCT ^{3'}
Well No.	1	2	3	4	5	6	7	8
HLA-B allele								
*480101-480102	1	2	3					
*4802	1			4				
*480301-480302	1	2			5			
*4804	1		3					
*4805	1					6		
*4806, 8102 ⁵		2	3				7	
*4807	1	2	3					8
*4808	1							
*4809	1	2	3					
*4810, 0817 ⁶	1							
*4811	1	2	3					
*4812	1							
*4813, 3803, 390201-390202, 3908, 391301-391302 ⁷	1							
*4814	1				5			
*4815	1	2	3					
*4816		2	3					8
*4817	1	2			5			8
*4818	1	2	3					
*4819	1	2	3					
Well No.	1	2	3	4	5	6	7	8

Length of spec.	385	145	175	150	230	170	385	85
PCR product(s)					285			225
Well No.	1	2	3	4	5	6	7	8
*070201-0703, 0708, 0710, 0715-0717, 0720-0724, 0728-0731, 0735, 0737, 0739, 0741, 0744-0747, 0749N, 0752, 0755-0759, 0761-0764							7	
*0704, 0712, 0714, 071801, 0719, 0726, 0743, 0766							7	
*070501-0706, 0732, 0740, 0806, 0820							7	
*0707, 071802					5		7	
*0709, 0711					5		7	
*0713, 0754, 0765								
*0725, 0748, 0807, 0814, 0828, 1401-1404, 140601-1409, 3907, 3915, 3917, 3925N, 3943, 4209, 7301							7	
*0727, 0750							7	
*0733, 0742, 0751, 0760							7	
*0734							7	
*0736, 0738							7	
*0753							7	
*080101-0802, 0805, 0808N, 0809, 0811-0813, 0815, 0816, 0818, 0819N, 0821-0827, 0829-0836, 4201, 4202, 4204-4207							7	
*0803							7	
*0804							7	
*0810, 3587, 5520								
*1301, 1306, 1307N, 1312, 1313, 1317, 1320				4				
*130201-130204, 1308Q, 1309, 1311, 1314-1316, 1318, 1319, 1321, 5127N, 5411								
Well No.	1	2	3	4	5	6	7	8

Length of spec.	385	145	175	150	230	170	385	85
PCR product(s)					285			225
Well No.	1	2	3	4	5	6	7	8
*1303, 1509, 1530, 1542, 1548, 1558, 1573, 1583, 1586, 2707, 2711, 2720, 2727, 2733, 2743, 350901-350902, 3518, 3531, 3544, 3560, 3588, 400201-400203, 4004-400602, 4008, 4013, 4039, 4068, 4070, 4611, 510101-5103, 5105-5116, 5119-512402, 5126, 5128-5136, 5138-5141N, 5143, 5144N, 5148-5155, 5157, 520101-5211, 5213, 5214, 5401-5405N, 5407, 5408N, 5410, 5412, 5413, 550101-5505, 5507-5513, 5515-5519, 5521, 5522, 5524-5526, 5528-5532, 5601, 5602, 5604-5608, 5610, 5613-5617, 5619N-5623, 5808, 5901-5903, 6702, 7801-7806, 8201, 8202								
*1322, 350201-350202, 350401-350403, 3506, 3512, 3559, 3581, 3583, 4410, 4414, 4462, 5104, 5146, 5156, 5612, 5702-570302, 5707, 5709, 5712, 5717				4				
*1405, 380102, 3929							7	
*1502, 1513, 1520, 1521, 1525, 1536, 1544, 1577, 1580, 1585, 1588, 1589, 9506, 9512, 9521, 9539, 9544, 2719, 2730, 350101-350107, 3503, 3507-350803, 3510, 3511, 3513-3517, 3519-3521, 3523-3530, 3533-3536, 3538-3542, 3545-3550, 3552-3557, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582, 3584, 3585, 3590-3594, 44020101-4409, 4411-4413, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 5142, 530101-5306, 5308-5313, 5315, 5316, 5514, 5609, 5611, 570101-570103, 5704-5706, 5708, 5710, 5714-5716, 580101-580102, 5804, 5805, 5809-5815, 5817N, 5819, 8301				4				
Well No.	1	2	3	4	5	6	7	8

Length of spec.	385	145	175	150	230	170	385	85
PCR product(s)					285			225
Well No.	1	2	3	4	5	6	7	8
*1503, 1547, 1554, 1561, 1564, 1569, 1591, 1598, 9503, 9523, 9527, 9531, 9532, 180101-1803, 1805, 1806, 1808-1813, 1815, 1817N-1821, 1823N-1825, 1827, 1828, 3702, 3709, 3714								
*1507, 1545, 9526, 4612								
*1555, 2732, 3505, 3551, 3558, 3572, 4454, 5314, 5818								
*1562, 1822, 370101-370104, 3703N-3706, 3708, 3710, 3711, 3713				4				
*1568								
*9538					5			
*1814								
*1826, 3712								
*2724			3					
*2736		2						
*3522								
*3566					5			
*3707								
*380101, 3805-3807, 3809-3814, 3816, 3903, 3914, 3924, 3937							7	
*3808, 3815, 3817, 39010101-39010102L, 390103-390105, 3904-390602, 3909-3912, 3916, 3918-3920, 3926-3928, 3930-3936, 3938Q, 3940N, 3941, 3945, 4208, 670101-670102							7	
*380201-380202							7	
*3804, 3922, 4106	1							
*3923	1							
*3939							7	
*3942				4			7	
*3944							7	
*400101-400106, 4007, 4059, 4060, 4066, 4073, 4079	1	2			5			
*4010, 4021, 4022N, 4033, 4038, 4042, 4043, 4046, 4047, 4049, 4052, 4054, 4055, 4061, 4063, 4067, 4074, 4076, 4081, 4084, 4087, 4088	?	2			5			
*4009, 4018, 4024, 4044	?							
Well No.	1	2	3	4	5	6	7	8

Length of spec.	385	145	175	150	230	170	385	85
PCR product(s)					285			225
Well No.	1	2	3	4	5	6	7	8
*4011, 4019, 4026, 4027, 4029, 4037, 4040, 4050, 4053, 4056-4058, 4064, 4075, 4078, 4082, 4083, 4086, 4090	?							
*4012		2			5			
*401401-401403	?				5			
*4015, 4016	?							
*4023	1	2			5			
*4025, 4069, 4431, 4606		2			5			
*4028	?			4				
*4030, 4034	?	2						
*4031, 4045, 4080	?	2	3					
*4032	?							
*4035, 4071	?							
*4036, 4048	?	2			5			8
*4051	1							
*4062, 4065	?				5			
*407201-407202	1				5			
*4077	1				5			8
*4085, 4092	?							
*4091	?							
*4101-410302, 4105, 4107	1							
*4104, 4501-4505, 4507-4509, 4902, 5001, 5002, 5004	1							
*4108	1				5			
*4418, 4901, 4903-4905	1							
*8101, 8103, 8104N	2		3					
HLA-B allele								
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE

HLA-B*48 SSP subtyping

Amplification patterns of the B*4801 to 4819 alleles

Well ⁴								
9	10	11	12	13	14	15	16	
215	240	170	105	130	250	140	125	Length of spec.
						435		PCR product(s)
1070	800	800	1070	1070	1070	1070	1070	Length of int.
								pos. control ¹
363	412	142	693	412	363	44	527	5'-primer(s) ²
5'-AgC ^{3'}	5'-ATA ^{3'}	5'-TCT ^{3'}	5'-ggT ^{3'}	5'-ATA ^{3'}	5'-AgC ^{3'}	5'-ggC ^{3'}	5'-TgA ^{3'}	
						363		
						5'-AgC ^{3'}		
539	610	272	755	499	572	309	610	3'-primer(s) ³
5'-TCC ^{3'}	5'-CTg ^{3'}	5'-Tgg ^{3'}	5'-CAA ^{3'}	5'-ggT ^{3'}	5'-gCA ^{3'}	5'-ATC ^{3'}	5'-CTC ^{3'}	
						463		
						5'-gCT ^{3'}		
9	10	11	12	13	14	15	16	Well No.
								HLA-B allele
		11						*480101-480102
		11						*4802
		11						*480301-480302
	10	11						*4804
9		11		13			16	*4805
								*4806, 8102 ⁵
		11						*4807
9		11					16	*4808
		11	12					*4809
		11		13				*4810, 0817 ⁶
		11			14			*4811
		11		13		15		*4812
	10	11		13				*4813, 3803, 390201-390202, 3908, 391301-391302 ⁷
		11		w		15		*4814
		11					16	*4815
		11						*4816
		11						*4817
		11				15		*4818
9		11						*4819
9	10	11	12	13	14	15	16	Well No.

215	240	170	105	130	250	140	125	Length of spec.
						435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
9							16	*070201-0703, 0708, 0710, 0715-0717, 0720-0724, 0728-0731, 0735, 0737, 0739, 0741, 0744-0747, 0749N, 0752, 0755-0759, 0761-0764
							16	*0704, 0712, 0714, 071801, 0719, 0726, 0743, 0766
9				13			16	*070501-0706, 0732, 0740, 0806, 0820
							16	*0707, 071802
9							16	*0709, 0711
9							16	*0713, 0754, 0765
								*0725, 0748, 0807, 0814, 0828, 1401-1404, 140601-1409, 3907, 3915, 3917, 3925N, 3943, 4209, 7301
9		11					16	*0727, 0750
9								*0733, 0742, 0751, 0760
				13			16	*0734
9						15	16	*0736, 0738
9	10			13				*0753
				13				*080101-0802, 0805, 0808N, 0809, 0811-0813, 0815, 0816, 0818, 0819N, 0821-0827, 0829-0836, 4201, 4202, 4204-4207
				13		15		*0803
		11		13				*0804
				13				*0810, 3587, 5520
	10							*1301, 1306, 1307N, 1312, 1313, 1317, 1320
	10							*130201-130204, 1308Q, 1309, 1311, 1314-1316, 1318, 1319, 1321, 5127N, 5411
9	10	11	12	13	14	15	16	Well No.

215	240	170	105	130	250	140	125	Length of spec.
						435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
10				13				*1303, 1509, 1530, 1542, 1548, 1558, 1573, 1583, 1586, 2707, 2711, 2720, 2727, 2733, 2743, 350901-350902, 3518, 3531, 3544, 3560, 3588, 400201-400203, 4004-400602, 4008, 4013, 4039, 4068, 4070, 4611, 510101-5103, 5105-5116, 5119-512402, 5126, 5128-5136, 5138-5141N, 5143, 5144N, 5148-5155, 5157, 520101-5211, 5213, 5214, 5401-5405N, 5407, 5408N, 5410, 5412, 5413, 550101-5505, 5507-5513, 5515-5519, 5521, 5522, 5524-5526, 5528-5532, 5601, 5602, 5604-5608, 5610, 5613-5617, 5619N-5623, 5808, 5901-5903, 6702, 7801-7806, 8201, 8202
	10			13				*1322, 350201-350202, 350401-350403, 3506, 3512, 3559, 3581, 3583, 4410, 4414, 4462, 5104, 5146, 5156, 5612, 5702-570302, 5707, 5709, 5712, 5717
						15		*1405, 380102, 3929
								*1502, 1513, 1520, 1521, 1525, 1536, 1544, 1577, 1580, 1585, 1588, 1589, 9506, 9512, 9521, 9539, 9544, 2719, 2730, 350101-350107, 3503, 3507-350803, 3510, 3511, 3513-3517, 3519-3521, 3523-3530, 3533-3536, 3538-3542, 3545-3550, 3552-3557, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582, 3584, 3585, 3590-3594, 44020101-4409, 4411-4413, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 5142, 530101-5306, 5308-5313, 5315, 5316, 5514, 5609, 5611, 570101-570103, 5704-5706, 5708, 5710, 5714-5716, 580101-580102, 5804, 5805, 5809-5815, 5817N, 5819, 8301
9	10	11	12	13	14	15	16	Well No.

215	240	170	105	130	250	140	125	Length of spec.
						435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
		11						*1503, 1547, 1554, 1561, 1564, 1569, 1591, 1598, 9503, 9523, 9527, 9531, 9532, 180101-1803, 1805, 1806, 1808-1813, 1815, 1817N-1821, 1823N-1825, 1827, 1828, 3702, 3709, 3714
9						15		*1507, 1545, 9526, 4612
						15		*1555, 2732, 3505, 3551, 3558, 3572, 4454, 5314, 5818
		11						*1562, 1822, 370101-370104, 3703N-3706, 3708, 3710, 3711, 3713
9		11				15		*1568
							16	*9538
		11				15		*1814
	10	11		13				*1826, 3712
	10							*2724
								*2736
	10			13		15		*3522
9						15		*3566
9		11					16	*3707
	10			13		15		*380101, 3805-3807, 3809-3814, 3816, 3903, 3914, 3924, 3937
	10			13				*3808, 3815, 3817, 39010101-39010102L, 390103-390105, 3904-390602, 3909-3912, 3916, 3918-3920, 3926-3928, 3930-3936, 3938Q, 3940N, 3941, 3945, 4208, 670101-670102
	10			w				*380201-380202
	10			13				*3804, 3922, 4106
	10	11						*3923
	10	11		13				*3939
	10			13				*3942
	10							*3944
								*400101-400106, 4007, 4059, 4060, 4066, 4073, 4079
								*4010, 4021, 4022N, 4033, 4038, 4042, 4043, 4046, 4047, 4049, 4052, 4054, 4055, 4061, 4063, 4067, 4074, 4076, 4081, 4084, 4087, 4088
								*4009, 4018, 4024, 4044
9	10	11	12	13	14	15	16	Well No.

215	240	170	105	130	250	140	125	Length of spec.
						435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
10				13				*4011, 4019, 4026, 4027, 4029, 4037, 4040, 4050, 4053, 4056-4058, 4064, 4075, 4078, 4082, 4083, 4086, 4090
		11						*4012
				13				*401401-401403
9				13			16	*4015, 4016
				16				*4023
								*4025, 4069, 4431, 4606
10				13				*4028
								*4030, 4034
								*4031, 4045, 4080
9							16	*4032
10				13		15		*4035, 4071
								*4036, 4048
10								*4051
								*4062, 4065
				w				*407201-407202
				w				*4077
10								*4085, 4092
	10			w				*4091
				13				*4101-410302, 4105, 4107
								*4104, 4501-4505, 4507-4509, 4902, 5001, 5002, 5004
				13				*4108
						15		*4418, 4901, 4903-4905
								*8101, 8103, 8104N
								HLA-B allele
9	10	11	12	13	14	15	16	Well No.