

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	285	170	385	85
PCR product(s)								225
Length of int.	800	800	800	800	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'
					363			419
					5'-Agg 3'			5'-gTT 3'
								419
								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'
							259	605
							5'-gTT 3'	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, 4211 ⁶	1							
*4811	1	2	3					
*4812	1							
*4813, 3803, 390201, 390202, 3908, 391301, 391302 ⁷	1							
*4814	1							
*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	285	170	385	85
PCR product(s)								225
Well No.	1	2	3	4	5	6	7	8
*070201-070207, 070209, 0703, 0708, 0710, 0715, 0716, 0720-0724, 0728-0731, 0735, 0737, 0739, 0741, 0742, 0744, 0746, 0747, 0749N, 0755-0759, 0761-0764, 0767N, 0770-0772, 0775, 0776							7	
*0704, 0726, 0743, 0745, 0752, 0766							7	
*070501-0706, 0732, 0769							7	
*0707, 0712, 0714, 071801, 071802, 0777					5		7	
*0709, 0711, 0717							7	
*0713, 0754, 0765								
*0719, 0725, 0748, 0807, 0814, 1401-1403, 140601-1409, 3907, 3915, 3917, 3925N, 3943, 7301							7	
*0727, 0750							7	
*0733, 0751, 0760							7	
*0734							7	
*0736, 0738, 0768							7	
*0740, 0806, 0820, 0840							7	
*0753							7	
*080101-0802, 0805, 0808N, 0809, 0811-0813, 0815, 0816, 0818, 0819N, 0821-0827, 0829-0834, 0836, 4201, 4202, 4204-4207, 4212							7	
*0803, 4210							7	
*0804							7	
*0810, 3587, 5520								
*0828, 0837, 4209							7	
*0835							7	
*0838, 4101-410302, 4105, 4107	1							
*130101, 130102, 1306, 1307N, 1312, 1313, 1317, 1320, 1323, 1325				4				
*130201-130205, 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	285	170	385	85
PCR product(s)								225
Well No.	1	2	3	4	5	6	7	8

*1303, 1509, 1530, 1542, 1548, 1558, 1573, 1583, 1586, 9550, 2707, 2711, 2720, 2727, 2733, 2743, 350901, 350902, 3518, 3531, 3544, 3560, 3588, 400201-400205, 4004-400602, 4008, 4013, 4039, 4040, 4068, 4070, 4094, 4097, 4611, 4618, 510101-510202, 510204, 5103, 5105-5116, 5119-512402, 5126, 5128-5136, 5138-5141N, 5143, 5144N, 5148-5155, 5157-5163, 5165, 520101-5211, 5213, 5214, 5401-5405N, 5407, 5408N, 5410, 5412, 5413, 5417-5419, 550101-5505, 5507-5513, 5515-5519, 5521, 5522, 5524-5526, 5528-5535, 5601, 5602, 5604-5608, 5610, 5613-5617, 5619N-5624, 5808, 5820, 5901-5905, 6702, 7801-7806, 8201, 8202								
*132201, 132202, 350401-350403, 3506, 3512, 3559, 4410, 4414, 4462, 5104, 5146, 5156, 5612, 5702-570302, 5707, 5709, 5712, 5717				4				
*1326, 1502, 1513, 1520, 1521, 152501, 1536, 1544, 1577, 1580, 1585, 1588, 1589, 9506, 9512, 9521, 9539, 9544, 9554, 2719, 2730, 350101-350107, 350301, 350302, 3507-350803, 3510, 3511, 3513-3517, 3519-3521, 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, 44020101-440205, 440208-4409, 4411-4413, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 4466, 4467, 4469, 5142, 530101-5306, 5308-5313, 5315-5318, 5514, 5609, 5611, 570101-570103, 5704-5706, 5708, 5710, 5714-5716, 5718, 5719, 580101, 580102, 5804, 5805, 5809-5815, 5817N, 5819, 5821, 8301				4				
*1405, 380102, 3929							7	
*1410				4			7	
Well No.	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	170	385	85
PCR product(s)								225
Well No.	1	2	3	4	5	6	7	8

*150301, 1547, 1554, 1561, 1564, 1569, 1591, 1598, 9503, 9523, 9527, 9531, 9532, 9551, 9556, 9558, 180101-1803, 1805, 1806, 1808-1813, 1815, 1817N-1821, 1823N-1825, 1827, 1828, 1830-1832, 3702, 3709								
*1507, 9526, 3566, 4612								
*1545								
*1555, 3505, 3551, 3558, 3572, 3589, 3597, 5314, 5818								
*1562, 1822, 370101-370105, 3703N-3706, 3708, 3710, 3711, 3713, 3714				4				
*1568								
*9538, Cw*0223					5			
*1814								
*1826, 3712								
*1835					5			
*2724			3					
*2732, 4454								
*2736		2						
*350201-350203, 3581, 3583, 3595				4				
*3522, 5164								
*3707								
*380101, 3805-3807, 3809-3814, 3816, 3819, 3903, 3914, 3924, 3937							7	
*380201, 380202, 3808, 3815, 3817, 3818, 39010101, 39010102L, 390103-390106, 3904- 390602, 3909-3912, 3916, 3918-3920, 3926- 3928, 3930-3936, 3938Q, 3940N, 3941, 3945- 3948, 3950, 4208, 670101, 670102							7	
*3804, 3922, 4106	1							
*3923	1							
*3939							7	
*3942				4			7	
*3944							7	
*3949	1							
*400101-400106, 4007, 4059, 4060, 4066, 4073, 4079	1	2			5			
*4003								
*4009, 4018, 4024, 4044	?							
Well No.	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	170	385	85
PCR product(s)								225
Well No.	1	2	3	4	5	6	7	8

*4010, 4021, 4022N, 4033, 4038, 4042, 4043, 4046, 4047, 4049, 4052, 4054, 4055, 4061, 4063, 4067, 4074, 4076, 4081, 4084, 4087, 4088	?	2			5			
*4011, 4019, 4026, 4027, 4029, 4037, 4050, 4053, 4056-4058, 4064, 4075, 4078, 4082, 4083, 4086, 4090, 4093, 4095, 4096	?							
*4012		2			5			
*401401-401403	?				5			
*4015	?							
*4016	1							
*4023	1	2			5			
*4025, 4069, 4431, 4606		2			5			
*4028	?			4				
*4030, 4034	?	2						
*4031, 4045, 4080	?	2	3					
*4032, 4098	?							
*4035, 4071	?							
*4036, 4048	?	2			5			8
*4051	1							
*4062, 4065	?				5			
*407201, 407202	1				5			
*4077	1				5			8
*4085, 4091, 4092	?							
*4104, 4501-4505, 4507-4509, 4902, 5001, 5002, 5004	1							
*4108	1				5			
*4418, 490101, 490102, 4903-4905	1							
*8101, 8103, 8104N		2	3					
Cw*0738					5			
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	95	140	120	Length of spec.
					250	435		PCR product(s)
1070	800	800	1070	1070	1070	800	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	419	309	605	3'-primer(s) ³
5'-TCC 3'	5'-CTg 3'	5'-Tgg 3'	5'-CAA 3'	5'-ggT 3'	5'-Cgg 3'	5'-ATC 3'	5'-gCT 3'	
					572	463		
					5'-gCA 3'	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, 4211 ⁶
		11			14			*4811
		11		13		15		*4812
	10	11		13				*4813, 3803, 390201, 390202, 3908, 391301, 391302 ⁷
		11		w	14	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	95	140	120	Length of spec.
					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
9							16	*070201-070207, 070209, 0703, 0708, 0710, 0715, 0716, 0720-0724, 0728-0731, 0735, 0737, 0739, 0741, 0742, 0744, 0746, 0747, 0749N, 0755-0759, 0761-0764, 0767N, 0770-0772, 0775, 0776
							16	*0704, 0726, 0743, 0745, 0752, 0766
9				13			16	*070501-0706, 0732, 0769
							16	*0707, 0712, 0714, 071801, 071802, 0777
9					14		16	*0709, 0711, 0717
9							16	*0713, 0754, 0765
								*0719, 0725, 0748, 0807, 0814, 1401-1403, 140601-1409, 3907, 3915, 3917, 3925N, 3943, 7301
9		11					16	*0727, 0750
9								*0733, 0751, 0760
				13			16	*0734
9						15	16	*0736, 0738, 0768
9				13				*0740, 0806, 0820, 0840
9	10			13				*0753
				13				*080101-0802, 0805, 0808N, 0809, 0811-0813, 0815, 0816, 0818, 0819N, 0821-0827, 0829-0834, 0836, 4201, 4202, 4204-4207, 4212
				13		15		*0803, 4210
		11		13				*0804
				13				*0810, 3587, 5520
					14			*0828, 0837, 4209
				13	14			*0835
				13				*0838, 4101-410302, 4105, 4107
	10							*130101, 130102, 1306, 1307N, 1312, 1313, 1317, 1320, 1323, 1325
	10							*130201-130205, 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	95	140	120	Length of spec.
					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.

								*1303, 1509, 1530, 1542, 1548, 1558, 1573, 1583, 1586, 9550, 2707, 2711, 2720, 2727, 2733, 2743, 350901, 350902, 3518, 3531, 3544, 3560, 3588, 400201-400205, 4004-400602, 4008, 4013, 4039, 4040, 4068, 4070, 4094, 4097, 4611, 4618, 510101-510202, 510204, 5103, 5105-5116, 5119-512402, 5126, 5128-5136, 5138-5141N, 5143, 5144N, 5148-5155, 5157-5163, 5165, 520101-5211, 5213, 5214, 5401-5405N, 5407, 5408N, 5410, 5412, 5413, 5417-5419, 550101-5505, 5507-5513, 5515-5519, 5521, 5522, 5524-5526, 5528-5535, 5601, 5602, 5604-5608, 5610, 5613-5617, 5619N-5624, 5808, 5820, 5901-5905, 6702, 7801-7806, 8201, 8202
	10			13				*132201, 132202, 350401-350403, 3506, 3512, 3559, 4410, 4414, 4462, 5104, 5146, 5156, 5612, 5702-570302, 5707, 5709, 5712, 5717
								*1326, 1502, 1513, 1520, 1521, 152501, 1536, 1544, 1577, 1580, 1585, 1588, 1589, 9506, 9512, 9521, 9539, 9544, 9554, 2719, 2730, 350101-350107, 350301, 350302, 3507-350803, 3510, 3511, 3513-3517, 3519-3521, 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, 44020101-440205, 440208-4409, 4411-4413, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4461N, 4463-446402, 4466, 4467, 4469, 5142, 530101-5306, 5308-5313, 5315-5318, 5514, 5609, 5611, 570101-570103, 5704-5706, 5708, 5710, 5714-5716, 5718, 5719, 580101, 580102, 5804, 5805, 5809-5815, 5817N, 5819, 5821, 8301
						15		*1405, 380102, 3929
								*1410
9	10	11	12	13	14	15	16	Well No.
215	240	170	105	130	95	140	120	Length of spec.
					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.

		11						*150301, 1547, 1554, 1561, 1564, 1569, 1591, 1598, 9503, 9523, 9527, 9531, 9532, 9551, 9556, 9558, 180101-1803, 1805, 1806, 1808-1813, 1815, 1817N-1821, 1823N-1825, 1827, 1828, 1830-1832, 3702, 3709
9					14	15		*1507, 9526, 3566, 4612
9						15		*1545
					14	15		*1555, 3505, 3551, 3558, 3572, 3589, 3597, 5314, 5818
		11						*1562, 1822, 370101-370105, 3703N-3706, 3708, 3710, 3711, 3713, 3714
9		11			14	15		*1568
							16	*9538, Cw*0223
		11			14	15		*1814
	10	11		13				*1826, 3712
		11						*1835
	10							*2724
						15		*2732, 4454
								*2736
	w			w				*350201-350203, 3581, 3583, 3595
	10			13		15		*3522, 5164
9		11					16	*3707
	10			13		15		*380101, 3805-3807, 3809-3814, 3816, 3819, 3903, 3914, 3924, 3937
	10			13				*380201, 380202, 3808, 3815, 3817, 3818, 39010101, 39010102L, 390103-390106, 3904-390602, 3909-3912, 3916, 3918-3920, 3926-3928, 3930-3936, 3938Q, 3940N, 3941, 3945-3948, 3950, 4208, 670101, 670102
	10			13				*3804, 3922, 4106
	10	11						*3923
	10	11		13				*3939
	10			13				*3942
	10							*3944
		11						*3949
								*400101-400106, 4007, 4059, 4060, 4066, 4073, 4079
					14			*4003
								*4009, 4018, 4024, 4044
9	10	11	12	13	14	15	16	Well No.
215	240	170	105	130	95	140	120	Length of spec.
					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.

								*4010, 4021, 4022N, 4033, 4038, 4042, 4043, 4046, 4047, 4049, 4052, 4054, 4055, 4061, 4063, 4067, 4074, 4076, 4081, 4084, 4087, 4088
	10			13				*4011, 4019, 4026, 4027, 4029, 4037, 4050, 4053, 4056-4058, 4064, 4075, 4078, 4082, 4083, 4086, 4090, 4093, 4095, 4096
		11						*4012
				13				*401401-401403
9				13			16	*4015
9				13			16	*4016
							16	*4023
								*4025, 4069, 4431, 4606
	10			13				*4028
								*4030, 4034
								*4031, 4045, 4080
9							16	*4032, 4098
	10			13		15		*4035, 4071
								*4036, 4048
	10							*4051
								*4062, 4065
				w				*407201, 407202
				w				*4077
	10							*4085, 4091, 4092
								*4104, 4501-4505, 4507-4509, 4902, 5001, 5002, 5004
				13				*4108
						15		*4418, 490101, 490102, 4903-4905
								*8101, 8103, 8104N
								Cw*0738
								HLA-B allele
9	10	11	12	13	14	15	16	Well No.