

INTERPRETATION TABLE

HLA-B*37 SSP subtyping

Amplification patterns of the HLA-B*3701 to *3713 alleles

	Well ⁴							
	1	2	3	4	5	6	7	8
Length of spec.	210	95	200	200	210	145	135	125
PCR product(s)			235	255				
Length of int.	800	1070	1070	1070	1070	1070	1070	1070
pos. control ¹								
5'-primer(s) ²	368	363	142	368	142	206	206	527
	5'-gTC ^{3'}	5'-AAT ^{3'}	5'-TCT ^{3'}	5'-gTC ^{3'}	5'-TCT ^{3'}	5'-gAA ^{3'}	5'-gAA ^{3'}	5'-TgA ^{3'}
			368			206		
			5'-gTC ^{3'}			5'-gAC ^{3'}		
3'-primer(s) ³	538	418	337	527	311	311	301	610
	5'-gTC ^{3'}	5'-gTC ^{3'}	5'-CTA ^{3'}	5'-CCT ^{3'}	5'-ggg ^{3'}	5'-ggT ^{3'}	5'-gTC ^{3'}	5'-CTC ^{3'}
			527	583	311			
			5'-CCT ^{3'}	5'-gTg ^{3'}	5'-ggg ^{3'}			
Well No.	1	2	3	4	5	6	7	8
HLA-B allele								
*370101-370104	1				5			
*3702		2			5			
*3703N	1		3		5			
*3704	1			4	5			
*3705	1					6		
*3706	1				5		7	
*3707					5			8
*3708	1				5			
*3709					5			
*3710	1							
*3711	1					6		
*3712					5			
*3713	1		3	4	5			
*070201-0703, 070501-071802, 0720-0724, 0726, 0728-0732, 0734-0741, 0743-0747, 0749N, 0750, 0752, 0754-0759, 0761-0764, 0806, 0820, 9538, 4805, 4808, 4815								8
*0704, 0719								8
Well No.	1	2	3	4	5	6	7	8

Length of spec.	210	95	200	200	210	145	135	125
PCR product(s)			235	255				
Well No.	1	2	3	4	5	6	7	8
*0725, 080101-0805, 0807, 0808N, 0810, 0811, 0815, 0817-0819N, 0821-0824, 0826, 0827, 0829-0831, 0833-0836, 4201, 420501-4208								
*0727					5			8
*0809, 0812, 0816, 1551, 1583, 4204, 4414, 4417, 4451, 5520, 5613, 5709, 8201, 8202								
*0814, 0828								
*0832, 3587					6			
*1502, 1508, 151101-151103, 1513, 1515, 1521, 1531, 1544, 1555, 1576, 1588, 1589, 9512, 9521, 9539, 9544, 350802, 3526, 3546, 3806, 3807, 4406, 4412, 510101-510102, 510104-5107, 510901-5119, 5121-512402, 5126-5135, 5137, 5138, 5140-5143, 5145, 5146, 5148-5155, 530101-5316								
*1546, 1553, 9506, 4010, 4040, 4049, 4058, 4409, 4446, 4702					6			
*1571, 2733, 4046, 4076, 4614								
*9543, 3519, 3527, 3547, 3556					6			
*180101-1803, 1805-1808, 1810, 1811, 1813-1815, 1817N, 1819-1824, 1826-1828						6		
*1804, 1825, 350202, 3510, 3513, 3516, 352002, 3528, 3569, 3580, 391902, 7805					6			
*1809								
*1812					6			
*1818				4		6		
*1829, 3550, 3584					6			
*2701		2						
*2702-270402, 270502-270510, 2710, 2713, 2715-2717, 2725, 2728, 2729, 2731, 2736, 2738, 2739, 2742		2						
Well No.	1	2	3	4	5	6	7	8

Length of spec.	210	95	200	200	210	145	135	125
PCR product(s)			235	255				
Well No.	1	2	3	4	5	6	7	8
*2706, 2707, 2709, 2711, 2714, 2719-2721, 2724, 2727, 2730, 2732, 2734, 2735, 2741, 4013, 4019, 4418, 4901, 4903-4905								
*2708, 2712, 2718, 2726, 2740		2						
*2723		2						
*2737, 4704		2						
*350101-350201, 3503-350801, 350803-350902, 3511, 3512, 351401-3515, 3517, 3518, 352001, 3521-3524, 3529-3537, 3539-3545, 3548, 3551-3555, 3557-3562, 3564-356802, 3570-3572, 3574-3579, 3581-3583, 3585, 3586, 3588, 391901, 5606, 7801-7804						6		
*3538						6		
*3563, 400101-400104, 400106-4007, 4009, 4011, 401401-401403, 4018, 4020, 4022N, 4024, 4026-4031, 4033-4036, 4038, 4039, 4042-4045, 4048, 4050-4057, 4059-4067, 4070-4075, 4077-4088, 4501-4508, 5001, 5002, 5004						6		
*3817					5			
*3931								
*400105, 4037						6		
*4008, 4025, 4068						6		
*4015, 4016, 4023, 4032						6		8
*4047, 4415, 4455, 4902								
*4069						6		
*4101, 410301-410302, 4106-4108						6		
*4102, 4104						6		
*4105						w		
*4202, 4209								
*47010101-47010102							7	
*4703						w		
*4705		2					7	
*5108, 5120, 5136, 5144N								
*5402, 5516, 7301								
HLA-B allele								
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE

HLA-B*37 SSP subtyping

Amplification patterns of the HLA-B*3701 to *3713 alleles

Well ⁴								
9	10	11	12	13	14	15	16	
205	80	215	205	255	245	135	170	Length of spec. PCR product(s)
1070	1070	1070	1070	800	1070	1070	1070	Length of int. pos. control ¹
97	222	363	97	97	97	135	409	5'-primer(s) ²
5'-TCC ^{3'}	5'-CCA ^{3'}	5'-AgC ^{3'}	5'-TCC ^{3'}	5'-TCC ^{3'}	5'-TCC ^{3'}	5'-gAC ^{3'}	5'-ggC ^{3'}	
259	259	538	259	309	302	302	538	3'-primer(s) ³
5'-gTT ^{3'}	5'-gTT ^{3'}	5'-gTC ^{3'}	5'-CTC ^{3'}	5'-gTg ^{3'}	5'-ggC ^{3'}	5'-ggC ^{3'}	5'-gTC ^{3'}	
9	10	11	12	13	14	15	16	Well No. HLA-B allele
			12					*370101-370104
			12					*3702
			12					*3703N
			12					*3704
			12					*3705
			12					*3706
			12					*3707
9	10							*3708
		11	12				16	*3709
			12	13				*3710
			12		14	15		*3711
			12				16	*3712
			12					*3713
								*070201-0703, 070501-071802, 0720-0724, 0726, 0728-0732, 0734-0741, 0743-0747, 0749N, 0750, 0752, 0754-0759, 0761-0764, 0806, 0820, 9538, 4805, 4808, 4815
		11					16	*0704, 0719
9	10	11	12	13	14	15	16	Well No.

205	80	215	205	255	245	135	170	Length of spec.
								PCR product(s)
9	10	11	12	13	14	15	16	Well No.
11				16				*0725, 080101-0805, 0807, 0808N, 0810, 0811, 0815, 0817-0819N, 0821-0824, 0826, 0827, 0829-0831, 0833-0836, 4201, 420501-4208
								*0727
				16				*0809, 0812, 0816, 1551, 1583, 4204, 4414, 4417, 4451, 5520, 5613, 5709, 8201, 8202
		11						*0814, 0828
10		11			15	16	*0832, 3587	
10								*1502, 1508, 151101-151103, 1513, 1515, 1521, 1531, 1544, 1555, 1576, 1588, 1589, 9512, 9521, 9539, 9544, 350802, 3526, 3546, 3806, 3807, 4406, 4412, 510101-510102, 510104-5107, 510901-5119, 5121-512402, 5126-5135, 5137, 5138, 5140-5143, 5145, 5146, 5148-5155, 530101-5316
								*1546, 1553, 9506, 4010, 4040, 4049, 4058, 4409, 4446, 4702
		12		14				*1571, 2733, 4046, 4076, 4614
10								*9543, 3519, 3527, 3547, 3556
9					14	15	*180101-1803, 1805-1808, 1810, 1811, 1813-1815, 1817N, 1819-1824, 1826-1828	
				15				*1804, 1825, 350202, 3510, 3513, 3516, 352002, 3528, 3569, 3580, 391902, 7805
9					13			*1809
			12	14		15	*1812	
9					14	15	*1818	
9	10			14		15	*1829, 3550, 3584	
			12	13			*2701	
			12					*2702-270402, 270502-270510, 2710, 2713, 2715-2717, 2725, 2728, 2729, 2731, 2736, 2738, 2739, 2742
9	10	11	12	13	14	15	16	Well No.

205	80	215	205	255	245	135	170	Length of spec. PCR product(s) Well No.
9	10	11	12	13	14	15	16	
			12					*2706, 2707, 2709, 2711, 2714, 2719-2721, 2724, 2727, 2730, 2732, 2734, 2735, 2741, 4013, 4019, 4418, 4901, 4903-4905
			12		14			*2708, 2712, 2718, 2726, 2740
9								*2723
								*2737, 4704
	10					15		*350101-350201, 3503-350801, 350803-350902, 3511, 3512, 351401-3515, 3517, 3518, 352001, 3521-3524, 3529-3537, 3539-3545, 3548, 3551-3555, 3557-3562, 3564-356802, 3570-3572, 3574-3579, 3581-3583, 3585, 3586, 3588, 391901, 5606, 7801-7804
	10					15	16	*3538
			12		14			*3563, 400101-400104, 400106-4007, 4009, 4011, 401401-401403, 4018, 4020, 4022N, 4024, 4026-4031, 4033-4036, 4038, 4039, 4042-4045, 4048, 4050-4057, 4059-4067, 4070-4075, 4077-4088, 4501-4508, 5001, 5002, 5004
								*3817
9					14			*3931
			12					*400105, 4037
9	10				14			*4008, 4025, 4068
			12		14			*4015, 4016, 4023, 4032
			12	13				*4047, 4415, 4455, 4902
					14			*4069
			12		14		16	*4101, 410301-410302, 4106-4108
		11	12		14		16	*4102, 4104
			12		14		16	*4105
9		11			14		16	*4202, 4209
								*47010101-47010102
								*4703
								*4705
	10						16	*5108, 5120, 5136, 5144N
9					14			*5402, 5516, 7301
								HLA-B allele
9	10	11	12	13	14	15	16	Well No.