

INTERPRETATION TABLE

HLA-B low resolution SSP

Amplification patterns of the B*0702 to B*8301 alleles⁶

		Well																							
		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
Length of spec.		290	215	140	130	185	185	290	165	165	180	105	195	105	115	80	150	135	245	210	170	110	395	425	
PCR product(s)				235	265	235			220	390	395	195		435					400						
Length of int. pos. control ¹		800	1070	1070	1070	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	800	1070	1070	800	800	1070	1070	1070	
5'-primer(s) ²		355	97	209	103	103	103	45	45	45	45	206	142	45	161	167	355	206	45	142	409	246	44	44	
		5'-TCA ^{3'}	5'-TCg ^{3'}	5'-ggC ^{3'}	5'-CCg ^{3'}	5'-CCT ^{3'}	5'-CCg ^{3'}	5'-ggA ^{3'}	5'-ggA ^{3'}	5'-ggA ^{3'}	5'-ggA ^{3'}	5'-AgA ^{3'}	5'-TCT ^{3'}	5'-ggA ^{3'}	5'-Cgg ^{3'}	5'-gCT ^{3'}	5'-TCA ^{3'}	5'-gAC ^{3'}	5'-ggA ^{3'}	5'-TCT ^{3'}	5'-ggC ^{3'}	5'-gAA ^{3'}	5'-ggC ^{3'}	5'-ggC ^{3'}	
		363		363	103	363			357	435	420	420	419	540					368	368	420				
		5'-AgC ^{3'}		5'-AgC ^{3'}	5'-CCg ^{3'}	5'-AAT ^{3'}			5'-Tgg ^{3'}	5'-AAA ^{3'}	5'-TTA ^{3'}	5'-TTA ^{3'}	5'-gTC ^{3'}	5'-gAC ^{3'}					5'-gTT ^{3'}	5'-gTC ^{3'}	5'-TTA ^{3'}				
				363	361				412																
				5'-AgC ^{3'}	5'-AgT ^{3'}				5'-ATA ^{3'}																
3'-primer(s) ³		603	272	309	193	246	246	165	206	266	272	272	301	309	234	204	463	302	259	311	544	317	272	302	
		5'-gTg ^{3'}	5'-Tgg ^{3'}	5'-gTg ^{3'}	5'-CgT ^{3'}	5'-TAT ^{3'}	5'-TAT ^{3'}	5'-Tgg ^{3'}	5'-CCT ^{3'}	5'-TCC ^{3'}	5'-TgC ^{3'}	5'-Tgg ^{3'}	5'-gTC ^{3'}	5'-ATC ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-gCT ^{3'}	5'-ggC ^{3'}	5'-gTT ^{3'}	5'-ggg ^{3'}	5'-ggT ^{3'}	5'-ggA ^{3'}	5'-TgC ^{3'}	5'-ggT ^{3'}	
		605	272	559	193	246			538	559	559	572	301	605					266	311				302	
		5'-gCT ^{3'}	5'-TgA ^{3'}	5'-CAg ^{3'}	5'-CgT ^{3'}	5'-TAT ^{3'}			5'-gTC ^{3'}	5'-CAg ^{3'}	5'-CTC ^{3'}	5'-gCg ^{3'}	5'-gTC ^{3'}	5'-gCT ^{3'}					5'-TCC ^{3'}	5'-ggg ^{3'}				5'-ggC ^{3'}	
					583	559								570					272	538					
					5'-gTg ^{3'}	5'-CTC ^{3'}								572					5'-Tgg ^{3'}	5'-gTC ^{3'}					
													572						292						
													572						572						
																			572						
																			572						
																			572						
																			572						
																			572						
																			572						
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
HLA-B allele ⁴	ser. ¹⁰																							
*070201-070207, 070209, 070501- 0706, 0709-0712, 0714, 0717-071802, 0721-0723, 0726, 0728-0731, 0734, 0735, 0739, 0741- 0749N, 0751, 0752, 0755-0759, 0761- 0764, 0766-0768, 0770-0772, 0775, 0776	B7	22																						44
*0703, 0708, 0716, 0732, 0737	B7, B703	22																						44
*0704, 0725	B7	22												34										44
*0707, 0719, 0733, 0740, 0753, 0777	B7																							44
*0713, 0715	B7	22																						44
*0720, 0724	-	22		24																				44
*0727	-	22										32								40				
*0736	-	22																						
*0738	-	22																						
*0750	-	22										32												44
*0754	-	22																						44
*0760	-			24																				44
*0765	-	22																38						
*0769	-	22																					43	44
*080101-080106, 0805, 0808N, 0810, 0811, 0815, 0818, 0819N, 0822-0824, 0827, 0829-0831, 0833-0835	B8, Null	22	23						29															44
*0802, 0803	B8	22	23						29															
*0804	B8	22	23						29			32												44
*0806, 0813, 0820, 0840	-	22	23																					44
*0807, 0814, 0828, 0837	B8	22	23																					44
*0809, 081201, 0816	-		23						29															44
*0817	-	22	23						29			32												44
*0821	-	22	23	24					29															44
*0825		22	23	24																				44
*0826, 4207 ⁵	-	22							29															44
*0832	-	22	23						29										38					44
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
*0836	-	22	23						29																
*0838	-	22	23						29																44
*130101, 130102, 1317, 1320, 132201- 1323, 1325	B13			24	25						31						37								
*130201-130205, 1308Q, 1311, 1315, 1318, 1319	B13			24	25						31														
*1303	-			24	25																				
*1304, 1310, 1321	-			24	25																				
*1306	-			24	25													37							
*1307N	Null			24	25						31						37								
*1309	-				25						31														
*1312, 1313, 1326	-			24	25													37							
*1314	-			24							31														
*1316	-			24	25						31														
*1401, 1407N	B64				25	26																		43	44
*140201-1404, 1409	B65				25		27																	43	44
*1405-140602	-						27																	43	44
*1408, 3925N, 3930, 3932-3934, 3943, 3947, 3950 ⁶	-					26																		43	44
*1410						26											37							43	44
*15010101, 15010102N, 150103, 150106- 150108, 1526N- 152703, 1530, 1532, 1534, 1535, 1538, 1550, 1556, 1558, 1560, 1563, 1570, 1571, 1575, 1579N, 1581, 1582, 1592, 1594N, 1596, 1597, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9522, 9525, 9528, 9529, 9535, 9540, 9545-9547, 9552, 9559, 9560, 9563, 9564	B62, Null, B15							28											39						
*150102	B62							28		30									39						
*150104	B62																		39						
*1502, 1588, 9512, 9521, 9539	B75							28									37		39						
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
*150301, 1547, 1549, 1561, 1598, 9503, 9523, 9527, 9532, 9551, 9556, 9558	B72								29			32							39						
*1504, 9537	-							28											39						
*1505, 1506, 1533, 1539, 1540, 1548, 1565, 157801, 1584, 9507, 9536, 9538, 9541, 9550, 9555	B62, B15							28											39						
*1507, 1545, 9526				24				28											39						
*1508, 151101-151103, 1515, 9548	B75							28											39						
*1509	B70								29	30	31								39						
*1510, 1518, 1537, 1551, 1552, 1572, 1590, 1593, 1599, 9508, 9514, 9519, 9533, 9534, 9553	B71								29		31								39						
*1512, 1514, 1519	B76							28					33						39						
*1513	B77							28						34			37		39						
*1516, 1567, 1595	B63									30				34					39						
*15170101-151702	B63							28		30				34					39						
*1520, 152501	B62							28									37		39						
*1521, 1544	B75							28			31						37		39						
*1523	-								29		31			34					39						
*1524, 1587, 9557	B62							28						34					39						
*1528, 9520, 9549N	B15							28											39						
*1529	B15								29										39						
*1531	B75							28											39						
*1536	-			w				28									37		39						
*1542	-							28											39						
*1543	-							28											39						
*1546	B72				25			28	29										39						
*1553	-				25				29										39						
*1554	-								29			32							39						
*1555	-			24				28											39						
*1557	-							28											39						
*1562	-								29			32					37		39						
*1564	-								29			32							39						
*1566	-							28			31								39						
*1568	-			24								32							39						
*1569	-								29			32							39		41				
*1573	-							28											39						

*2712	-					26										36										
*2716, 2739	-					26										36										
*2718	-					26						32				36										
*2719	-															36	37									
*2723	-					26										36										
*2724	-															36										
*2725	-															36										
*2729	-					26						32				36										
*2730	-															36	37									
*2733	-															36										
*2750	-					26						32				36										
*2752						26																				
*350101-350401, 350403, 3506- 350803, 3511, 3512, 3515, 352001, 352002, 3523, 3529, 3533, 3534, 3536, 3539- 3542, 3548, 3550, 3552, 3554, 3555, 3557, 3559, 3561, 3565Q, 3570, 3574, 3577, 3578, 3582- 3585, 3590-3595	B35																37	38								
*350402	-											30				37	38									
*3505, 3522, 3551, 3558, 3572, 3589, 3597	B35			24														38								
*3510, 3513, 3528, 3569, 3580	-															37	38									
*351401, 351402, 3562	B35															37	38									
*3516	-			24												37	38									
*3517, 3530	B35			24												37	38									
*3519	B35															37										
*3521, 3524, 3581	-															37	38									
*3525, 3549	-															37										
*3526	-							27								37										
*3527, 3556	B35															37										
*3535	-															37	38		41							
*3538	-															37	38									
*3543, 3544, 3567, 3579, 3586	B35																	38								
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		
*3545, 3571	-												33				37	38								
*3546	-				25												37									
*3547	-				25												37									
*3560	-																	38								
*3563	-				25												37									

*391902	-					26										38					41						43	44	
*3922	-					26															41						43	44	
*3936	-					26																					43	44	
*3939	-					26					32																41	44	
*3942	-					26									37												41	43	44
*400101-400106, 4007, 4023, 4051, 4060, 4066, 4073, 4079	B60, B40				25																							44	
*400201-4004, 40060101-400602, 4020, 4039, 4070, 4089, 4097	B61, B40																												
*4005	B4005			24																									
*4008	-																												
*4009, 4011, 4018, 4024, 4027, 4029, 4035, 4037, 4040, 4044, 4050, 4056, 4057, 4064, 4075, 4078, 4082, 4083, 4085, 4086, 4090, 4091	B61, B40																										?		
*4010, 4022N, 4033, 4036, 4038, 4042, 4043, 4049, 4052, 4054, 4055, 4061-4063, 4065, 4067, 4081, 4084, 4087, 4088, 4092	Null, B40, B60				25																						?		
*4012	-								29		32									39									
*4013, 4019	-																												
*401401-401403,	-			25																							?		
*4015, 4030, 4032, 4034	B61	22		25																							?		
*4016, 4059	-	22		25																							44		
*4021	-																										?		
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44					
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44					
*4025, 4069	-			25																						?			
*4026	B21									30																?			
*4028	-									30							37									?			
*4031, 4045, 4080	-	22		25																						?			
*4046	-										32					36										?			
*4047	-			25																						?			
*4048	-			25						31																?			
*4058	-			25																						?			
*4068	-																									?			
*4071	-			24																						?			
*407201, 407202, 4077	-			25																						44			

INTERPRETATION TABLE

HLA-B low resolution SSP

Amplification patterns of the B*0702 to B*8301 alleles⁶

Well																					
45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
175	105	325	115	130	90	90	145	120	430	145	300	160	180	180	90	95	115	360	350		Length of spec. PCR product(s)
			195	270	410	175	430	210				215	210				150				
			225																		
			260																		
1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070		Length of int. pos. control¹
363	540	1 st I	355	209	41	209	48	357	49	206	1 st I	1 st I	141	420	209	206	165	1 st I	1 st I		5'-primer(s)²
5'-Agg ^{3'}	5'-gAC ^{3'}	5'-cAg ^{3'}	5'-TCA ^{3'}	5'-ggc ^{3'}	5'-CTg ^{3'}	5'-ggc ^{3'}	5'-gCC ^{3'}	5'-Tgg ^{3'}	5'-cAg ^{3'}	5'-gAA ^{3'}	5'-cAg ^{3'}	5'-cAg ^{3'}	5'-ATT ^{3'}	5'-TTA ^{3'}	5'-ggc ^{3'}	5'-gAC ^{3'}	5'-ACC ^{3'}	5'-cAg ^{3'}	5'-cAg ^{3'}		
			418	209	368	363	206					418	420		362		463				
			5'-Agg ^{3'}	5'-ggg ^{3'}	5'-gTT ^{3'}	5'-Agc ^{3'}	5'-gAA ^{3'}					5'-Agg ^{3'}	5'-TTA ^{3'}		5'-ggT ^{3'}		5'-TgA ^{3'}				
			499	355																	
			5'-TCT ^{3'}	5'-TCA ^{3'}																	
499	603	282	538	299	282	259	309	435	309	311	259	175	311	559	256	259	272	317	311		3'-primer(s)³
5'-ggA ^{3'}	5'-gTg ^{3'}	5'-gCC ^{3'}	5'-gTC ^{3'}	5'-TCA ^{3'}	5'-gCC ^{3'}	5'-gTT ^{3'}	5'-ATC ^{3'}	5'-TCT ^{3'}	5'-ATC ^{3'}	5'-ggT ^{3'}	5'-CTC ^{3'}	5'-CCg ^{3'}	5'-ggT ^{3'}	5'-cAg ^{3'}	5'-CCC ^{3'}	5'-gTT ^{3'}	5'-TgC ^{3'}	5'-ggA ^{3'}	5'-ggT ^{3'}		
	605		572	583	418	499		527			259	538	559		559		538				
	5'-gCT ^{3'}		5'-gCg ^{3'}	5'-gTg ^{3'}	5'-gTC ^{3'}	5'-ggA ^{3'}		5'-CCT ^{3'}			5'-CTC ^{3'}	5'-gTC ^{3'}	5'-CgT ^{3'}		5'-CgT ^{3'}		5'-CCA ^{3'}				
45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.

45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.	
																					ser. ¹⁰	HLA-B allele ⁴
		47																	64	B7	*070201-070207, 070209, 070501- 0706, 0709-0712, 0714, 0717-071802, 0721-0723, 0726, 0728-0731, 0734, 0735, 0739, 0741- 0749N, 0751, 0752, 0755-0759, 0761- 0764, 0766-0768, 0770-0772, 0775, 0776	
																			64	B7, B703	*0703, 0708, 0716, 0732, 0737	
	46	47																	64	B7	*0704, 0725	
		47																	64	B7	*0707, 0719, 0733, 0740, 0753, 0777	
		w																	64	B7	*0713, 0715	
		47																	64	-	*0720, 0724	
																		63	-	-	*0727	
		47																63	-	-	*0736	
																		63	-	-	*0738	
																			64	-	*0750	
		47									56								64	-	*0754	
		47																	64	-	*0760	
		47			50								58			w			64	-	*0765	
																			64	-	*0769	
		46																	64	B8, Null	*080101-080106, 0805, 0808N, 0810, 0811, 0815, 0818, 0819N, 0822-0824, 0827, 0829-0831, 0833-0835	
		46																63	B8	*0802, 0803		
		46																	64	B8	*0804	
																			64	-	*0806, 0813, 0820, 0840	
		46																	64	B8	*0807, 0814, 0828, 0837	
		46																	64	-	*0809, 081201, 0816	
		46									56								64	-	*0817	
		46																	64	-	*0821	
																			64	-	*0825	
		46																	64	-	*0826, 4207 ⁵	
		46														61			64	-	*0832	
45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.	

45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.	
	46																		64	-	*0836	
	46										56								64	-	*0838	
											56								63	B13	*130101, 130102, 1317, 1320, 132201- 1323, 1325	
											56								63	B13	*130201-130205, 1308Q, 1311, 1315, 1318, 1319	
											56			59					63	-	*1303	
											56								63	-	*1304, 1310, 1321	
											56			58					63	-	*1306	
																			63	Null	*1307N	
											56								64	-	*1309	
											56								63	-	*1312, 1313, 1326	
											56								63	-	*1314	
								53			56								63	-	*1316	
																			64	B64	*1401, 1407N	
																			64	B65	*140201-1404, 1409	
																			64	-	*1405-140602	
																			64	-	*1408, 3925N, 3930, 3932-3934, 3943, 3947, 3950 ⁶	
				49															64		*1410	
											56								62	64	B62, Null, B15	*15010101, 15010102N, 150103, 150106- 150108, 1526N- 152703, 1530, 1532, 1534, 1535, 1538, 1550, 1556, 1558, 1560, 1563, 1570, 1571, 1575, 1579N, 1581, 1582, 1592, 1594N, 1596, 1597, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9522, 9525, 9528, 9529, 9535, 9540, 9545-9547, 9552, 9559, 9560, 9563, 9564
											56								62	64	B62	*150102
											56	57							62	64	B62	*150104
						51														64	B75	*1502, 1588, 9512, 9521, 9539
45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.	

45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.
											56								64	B72	*150301, 1547, 1549, 1561, 1598, 9503, 9523, 9527, 9532, 9551, 9556, 9558
								w			56						62		64	-	*1504, 9537
											56								64	B62, B15	*1505, 1506, 1533, 1539, 1540, 1548, 1565, 157801, 1584, 9507, 9536, 9538, 9541, 9550, 9555
											56						62		64		*1507, 1545, 9526
						51											62		64	B75	*1508, 151101-151103, 1515, 9548
																			64	B70	*1509
																			64	B71	*1510, 1518, 1537, 1551, 1552, 1572, 1590, 1593, 1599, 9508, 9514, 9519, 9533, 9534, 9553
											56						62		64	B76	*1512, 1514, 1519
						51												63		B77	*1513
								53										63		B63	*1516, 1567, 1595
																		63		B63	*15170101-151702
											56								64	B62	*1520, 152501
						51													64	B75	*1521, 1544
																		63		-	*1523
											56						62	63		B62	*1524, 1587, 9557
																	62		64	B15	*1528, 9520, 9549N
																			64	B15	*1529
						51													64	B75	*1531
											56							63		-	*1536
								53			56		58						64	-	*1542
											56						62	63		-	*1543
											55	56					62		64	B72	*1546
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