

INTERPRETATION TABLE

HLA-A low resolution SSP typing

Amplification patterns of the A*0101 to A*8001 alleles

		Well ⁶																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.		120	135	205	190	160	165	175	165	75	85	80	185	175	200	90	370	180	200	160	155	240	85	75	360
PCR product(s)		145	200	235		535	200	205	200			175		225	240	135	400			200	240	375	240	160	
			255									500													
Length of int.		800	1070	1070	800	800	800	1070	800	800	1070	1070	800	1070	1070	1070	1070	1070	1070	800	800	800	800	800	1070
pos. control ¹																									
5'-primer(s) ²		98	78	363	98	144	106	98	98	266	257	302	103	98	98	203	41	180	98	180	78	28	78	176	341
		5'-CTT ^{3'}	5'-TCT ^{3'}	5'-ATA ^{3'}	5'-CTA ^{3'}	5'-gCC ^{3'}	5'-CCA ^{3'}	5'-CTC ^{3'}	5'-CTA ^{3'}	5'-ACg ^{3'}	5'-Cgg ^{3'}	5'-ggA ^{3'}	5'-CCT ^{3'}	5'-CTT ^{3'}	5'-CAC ^{3'}	5'-gAA ^{3'}	5'-CTT ^{3'}	5'-TTT ^{3'}	5'-CAC ^{3'}	5'-TTT ^{3'}	5'-TCT ^{3'}	5'-TCg ^{3'}	5'-TCT ^{3'}	5'-gCA ^{3'}	5'-ggA ^{3'}
		123	106		413	317	176	368	102	266	261	385	423	423		363					391	261	527	261	
		5'-AgT ^{3'}	5'-CCA ^{3'}		5'-CCg ^{3'}	5'-gCT ^{3'}	5'-gCA ^{3'}	5'-gTT ^{3'}	5'-ACA ^{3'}	5'-ACg ^{3'}	5'-AAC ^{3'}	5'-ggC ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}		5'-ATA ^{3'}					5'-ACg ^{3'}	5'-AAC ^{3'}	5'-TgC ^{3'}	5'-AAC ^{3'}	
			144			368			413												391				
			5'-gCA ^{3'}				5'-gTT ^{3'}		5'-CCg ^{3'}												5'-ACg ^{3'}				
			144																						
			5'-TCA ^{3'}																						
3'-primer(s) ³		203	240	527	256	265	256	259	259	302	299	341	257	282	257	299	238	317	256	299	265	97	265	292	418
		5'-TCT ^{3'}	5'-ggA ^{3'}	5'-CCA ^{3'}	5'-CTg ^{3'}	5'-CCC ^{3'}	5'-CCC ^{3'}	5'-gTT ^{3'}	5'-gTT ^{3'}	5'-ggC ^{3'}	5'-TCg ^{3'}	5'-CgT ^{3'}	5'-gCA ^{3'}	5'-gAC ^{3'}	5'-gCA ^{3'}	5'-CCA ^{3'}	5'-CCT ^{3'}	5'-ggA ^{3'}	5'-CCC ^{3'}	5'-CCA ^{3'}	5'-CCC ^{3'}	5'-ggT ^{3'}	5'-CCC ^{3'}	5'-gTT ^{3'}	5'-gTC ^{3'}
			292	527	559	570	292	502	538			521	559	559	299	411	265		259	299	282	355	282	292	
			5'-gTg ^{3'}	5'-CCT ^{3'}	5'-CCg ^{3'}	5'-CCg ^{3'}	5'-gTT ^{3'}	5'-CTT ^{3'}	5'-CCA ^{3'}			5'-ggg ^{3'}	5'-CTC ^{3'}	5'-CCg ^{3'}	5'-TCg ^{3'}	5'-TCA ^{3'}	5'-CCC ^{3'}		5'-gTT ^{3'}	5'-CCA ^{3'}	5'-gAC ^{3'}	5'-gAC ^{3'}	5'-gAC ^{3'}	5'-gTg ^{3'}	
				555		502	539					559								341	506		570	299	
				5'-CCA ^{3'}		5'-CTg ^{3'}	5'-TCT ^{3'}					5'-CgT ^{3'}								5'-CgT ^{3'}	5'-TgT ^{3'}		5'-CAC ^{3'}	5'-TCT ^{3'}	
				555		538																			
				5'-gCA ^{3'}		5'-CAg ^{3'}																			
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HLA-A allele ⁴	ser ⁵																								
*01010101-0104N, 0106, 0109-0111N, 0116N-0118N, 0120, 0122N-0127N, 0129	A1, null	1			4																				24
*0107	-	1			4																				
*0108, 0114, 0115N	1	1																							24
*0112, 0119	-	1		3																					24
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*1110	-				4				8			11													24
*1111	-				4							11	12												24
*1112, 1118	-				4							11													
*1125	-			3	4							11													24
*2301-2313, 2315-2319Q	A23					5	6																		
*2314, 2405, 241302, 2424 ⁸	-					5	6	7																	
*24020101-2404, 2406-2411N, 241301, 2417, 2418, 2420-2423, 2425-2443, 2445N-2450, 2454-2456, 2458-2463, 2466-2481, 2483N-2488, 2490, 2491	A24					5		7																	
*2414, 2415, 2451-2453, 2457, 2464	A24					5																			
*2419, 2444	-					5		7				11													
*2482	-					5		7														21			
*2489	-							7																	
*250101-2504	A25								8	9				13											
*2505	-								8	9				13							20				
*2506	-								8	9		12													
*260101-260106, 2608, 2610-2615, 2617, 2618, 2620, 2623-2629, 2632, 2633, 2635-2637	A26, null								8		10			13											
*2602	A26								8		10			w											
*2603, 2606, 2621	A26								8			11		13										23	
*2604, 2634	A26								8			10													
*2605, 2630	A26								8					13										23	
*260701-260702	A26										10			13											
*2609	A26								8		10	12													
*2616	-							7			10			13											
*2622	-								8		10			13								21			
*2631	-								8					13											
*29010101-2906, 2908N-2912, 2915-2917	A29														14										
*2907	-						6								14										
*2913	-														14			17							
*2914	-														14	16									
*300101-3004, 3006, 3007, 3009-3020, 3022-3025	A30															15									

Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*3008	-				4											15				20			22		
*310102-3102, 3105-3107, 3109-3122	A31																16								
*3103	-											11	12				16								
*3104	A31												12				16								
*3108	-					5											16								
*320101-3202, 3206-3212, 3214, 3216	A32									9									17						
*3203	-																		17						
*3204	A3			3						9															
*3205	-					5											16		17						
*3213	-					5				9									17						
*3215	-								8	9									17						
*3301, 330301-3312, 3314-3318	A33																		18						
*3313	-											10			14				18						24
*3319	-							7											18						
*340101-340102, 3405, 3406	A34								8			11	12												
*3402-3404, 3407	-			3					8			11	12												
*3408	-			3					8			11	12	13											
*3601, 3603	A36	1																					22		24
*3602	-	1		3																			22		24
*3604	-	1			4																		22		24
*4301	A43												12	13											
*6601, 6604-6607	A66								8			11		13											
*6602, 6603	A66								8				12												
*680101-6804, 6806-6814, 6816-6819, 6821-6828, 6830-6843	A68								8												20				
*6805, 6815, 6820	-								8												20			23	
*6829	-								8										18		20	21			
*6901	A69								8														21		
*7401-7409, 7411, 7412N	A74																			19					
*7410	-																			19					24
*8001	A80						6																	23	24
HLA-A allele⁴	ser ⁵																								
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
B*1827							6																		
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24