

INTERPRETATION TABLE

HLA-A*11 SSP subtyping

Amplification patterns of the A*1101 to A*1136 alleles

	Well ⁵															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	195	270	190	235	180	185	215	95	200	120	215	235	90	100	100	95
PCR product(s)						550							200		215	
Length of int.	800	1070	1070	1070	800	1070	1070	1070	800	1070	800	1070	800	1070	800	1070
pos. control ¹																
5'-primer(s) ²	127	28	363	363	363	292	363	553	399	261	363	363	102	282	282	503
	5'-ggg ³	5'-TCC ³	5'-ATA ³	5'-ATA ³	5'-ATA ³	5'-CTC ³	5'-ATA ³	5'-TgC ³	5'-TTA ³	5'-AAC ³	5'-ATA ³	5'-ATA ³	5'-ACC ³	5'-CAg ³	5'-CAg ³	5'-CAg ³
						413		565					565		363	
						5'-CCC ³		5'-gCA ³					5'-gCA ³		5'-ATA ³	
3'-primer(s) ³	282	127	502	559	502	559	539	616	559	341	539	559	257	341	341	559
	5'-gAC ³	5'-CTT ³	5'-CtG ³	5'-CgT ³	5'-CTC ³	5'-CCg ³	5'-TCC ³	5'-CgT ³	5'-CCg ³	5'-CgT ³	5'-TCT ³	5'-CCg ³	5'-gCA ³	5'-CgT ³	5'-Cgg ³	5'-CCg ³
			524										616		538	
			5'-CAC ³										5'-CgT ³		5'-CAA ³	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-A allele ⁴																
*110101-110103, 110105-110109	1										11	12		14		
*110104	1										w	w		14		
*110201-110203		2									11	12		14		
*1103	1		3								11	12		14		
*1104	1			4							11			14		
*1105	1				5						11	12		14		
*1106	1					6					11	12		14		
*1107	1								9		11	12		14		
*1108	1						7					12		14		
*1109	1							8			11	12		14		
*1110	1									10	11	12		14		
*1111	1										11	12	13	14		
*1112	1										11	12			15	
*1113	1										11	12		14		16
*1114		2									11	12		14		
*111501	1										11	12		14		
*111502	1										11	12		14		
*1116		2									11	12		14		
*1117											11	12				
*1118						6					11	12				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	195	270	190	235	180	185	215	95	200	120	215	235	90	100	100	95
PCR product(s)						550							200		215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1119											11	12				
*1120	1										11	12		14		
*1121N	1										11	12		14		
*1122	1					6					11	12		14		
*1123	1											12		14		
*112401	1											12		14		
*112402	1											12		14	15	
*1125	1											12		14	15	
*1126	1													14		
*1127	1			4							11			14		
*1129	1										11	12		14		
*1130	1										11	12		14		
*1131	1											12		14	15	
*1132	1										11	12		14		
*1133	1		3								11	12		14		
*1134	1							8			11	12	13	14		
*1135	1			4										14	15	
*1136	1										11	12		14		
*01010101-0102, 0109, 0111N, 0116N, 0118N, 0121-0124, 0126-0130							7					12				
*0103, 3603, 7410																
*0104N							7					12				
*0106												12				
*0107							7					12				
*0108, 0115N							7									
*0110							7					12				
*0112, 0119				4							11					
*0113, 0117	1						7					12		14		
*0114				4			7									
*0120																
*0125											w	12				
*020301-020302, 9217, 9248																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	195	270	190	235	180	185	215	95	200	120	215	235	90	100	100	95
PCR product(s)						550							200		215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0205-020604, 020606, 0208, 0210, 0214, 0221, 0228, 0241, 0244, 0251, 0254, 0257, 0261, 0272, 0279, 0284, 0291, 0299, 9206, 9208, 9222, 9226, 9227, 9237, 9242- 9244																
*0213, 0226																
*0234-023503, 2904	1														w	
*0238						6										
*0255, 3301, 330301- 3307, 3310-3312, 3314-3316, 3318, 3319, 6603, 680301- 6805, 6820, 6831																
*0256, 0262, 0278, 9203, 29010101- 2903, 2905-2912, 2914-2917, 6810, 6813, 6814, 6830, 6837	1														15	
*9201, 9235						6										
*03010101- 03010103, 030103- 030106, 0303N- 0306, 0309, 0311N- 0317, 0319, 0320, 0323, 0325-0330, 0333-0335, 0337, 0338, 0339	1			4											15	
*030102	1			4											15	
*0302, 0310, 0331	1			4							11				15	
*0307	1			4											15	
*0308, 0336N, 3204				4											15	
*0318	1						7					12			15	
*0321N	1			4											15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	195	270	190	235	180	185	215	95	200	120	215	235	90	100	100	95
PCR product(s)						550							200		215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0322	1		3	4												15
*0324	1			4												15
*0332				4							11					
*2307N, 2411N																
*2419	1															
*2424, 2913, 6836																15
*2444																
*250101-250102, 2503-2506, 2605, 2616, 2620, 2635										10						
*2502										10				14		
*260101-2602, 2604, 2608-2612, 2614, 2615, 2617, 2618, 2622-2629, 2634, 2637										10						
*2603, 2606, 2621						6				10						
*260701-260702, 2631																
*2613, 2633	1									10				14		
*2619	1													14		
*2630						6										
*2632										10						
*2636						6				10						
*300101-3003, 3007, 3008, 3010-3013, 3015, 3016, 3019, 3020, 3022, 3024, 3025				3	4											15
*3004, 3006				3	4		7									
*3009, 3104				3	4											15
*3014L				3												15
*3017				3	4		7									15
*3018	1			3	4											15
*3023				3	4											15
*3103				3	4											15
*3313										10						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	195	270	190	235	180	185	215	95	200	120	215	235	90	100	100	95
PCR product(s)						550							200		215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*340101, 3405	1									10				w		
*340102	1									10				w		
*3402-3404, 3408	1		3	4						10				14	15	
*3406, 6606	1									10				14	15	
*3407	1		3	4						10					15	
*3601				4			7									
*3602				4			w									
*3604							7					12				
*4301													13			
*6601, 6604, 6607	1									10				14		
*6602, 680101- 680202, 6806-6809, 6811N, 6812, 6816- 6819, 6821-6829, 6832-6835, 6838, 6839, 6841, 6843, 6901	1														15	
*6605										10						
*6815																
*6840	1															
*6842	1														15	
*8001																
HLA-A allele ⁴																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B*0818, B*7301										10						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE

HLA-A*11 SSP subtyping

Amplification patterns of the A*1101 to A*1136 alleles

Well ⁵																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
200	245	175	240	100	230	80	470	215	305	250	245	80	265	285	205	Length of spec.
		220													295	PCR product(s)
1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	800	1070	1070	1070	1070	Length of int.
																pos. control ¹
363	363	363	103	282	103	489	3rd I	363	341	363	363	261	363	363	363	5'-primer(s) ²
5'-ATA ³	5'-ATA ³	5'-ATA ³	5'-CCT ³	5'-CAC ³	5'-CCT ³	5'-gCCA	5'-ATA ³	5'-ATA ³	5'-ggA ³	5'-ATA ³	5'-ATA ³	5'-AAC ³	5'-ATA ³	5'-ATA ³	5'-ATA ³	
			368													
			5'-gTg ³													
526	565	497	299	341	292	527	621	538	362	570	565	299	587	605	527	3'-primer(s) ³
5'-CCg ³	5'-CAg ³	5'-Tgg ³	5'-TCg ³	5'-CgT ³	5'-gTg ³	5'-CCT ³	5'-CCC ³	5'-CAg ³	5'-TCA ³	5'-CCg ³	5'-CAA ³	5'-CCA ³	5'-CCT ³	5'-gCA ³	5'-CAA ³	
526		542	570												616	
5'-CCA ³		5'-CTg ³	5'-CAC ³												5'-CgC ³	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																HLA-A allele ⁴
																*110101-110103, 110105-110109
																*110104
																*110201-110203
						23										*1103
																*1104
																*1105
					22											*1106
																*1107
						23										*1108
																*1109
												29				*1110
																*1111
																*1112
																*1113
17																*1114
	18															*111501
		19									28					*111502
			20	21												*1116
					22											*1117
																*1118
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

200	245	175	240	100	230	80	470	215	305	250	245	80	265	285	205	Length of spec.
		220													295	PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
				21												*1119
						23										*1120
							24									*1121N
																*1122
		19														*1123
								25								*112401
																*112402
						23										*1125
									26							*1126
										27						*1127
													30			*1129
														31		*1130
															32	*1131
															32	*1132
																*1133
																*1134
		19													32	*1135
			20													*1136
				21						27						*01010101-0102, 0109, 0111N, 0116N, 0118N, 0121-0124, 0126-0130
				21					26							*0103, 3603, 7410
				21			24			27						*0104N
				21						27						*0106
										27						*0107
				21						27						*0108, 0115N
17				21						27						*0110
				21						27						*0112, 0119
										27						*0113, 0117
				21						27						*0114
				21												*0120
				21						27						*0125
						w										*020301-020302, 9217, 9248
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

200	245	175	240	100	230	80	470	215	305	250	245	80	265	285	205	Length of spec.
		220													295	PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
				22												*0205-020604, 020606, 0208, 0210, 0214, 0221, 0228, 0241, 0244, 0251, 0254, 0257, 0261, 0272, 0279, 0284, 0291, 0299, 9206, 9208, 9222, 9226, 9227, 9237, 9242- 9244
						23										*0213, 0226
						23										*0234-023503, 2904 *0238
												29				*0255, 3301, 330301- 3307, 3310-3312, 3314-3316, 3318, 3319, 6603, 680301- 6805, 6820, 6831
																*0256, 0262, 0278, 9203, 29010101- 2903, 2905-2912, 2914-2917, 6810, 6813, 6814, 6830, 6837
																*9201, 9235
																*03010101- 03010103, 030103- 030106, 0303N- 0306, 0309, 0311N- 0317, 0319, 0320, 0323, 0325-0330, 0333-0335, 0337, 0338, 0339
								25								*030102
																*0302, 0310, 0331
															32	*0307
																*0308, 0336N, 3204
										27						*0318
							24									*0321N
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

200	245	175	240	100	230	80	470	215	305	250	245	80	265	285	205	Length of spec.
		220													295	PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
												29				*0322
																*0324
							24									*0332
																*2307N, 2411N
																*2419
				w												*2424, 2913, 6836
				21												*2444
																*250101-250102, 2503-2506, 2605, 2616, 2620, 2635
																*2502
			20	21												*260101-2602, 2604, 2608-2612, 2614, 2615, 2617, 2618, 2622-2629, 2634, 2637
				21	22							29				*2603, 2606, 2621
			20	21												*260701-260702, 2631
			20													*2613, 2633
			20													*2619
					22							29				*2630
			20	21					26							*2632
			20	21												*2636
17																*300101-3003, 3007, 3008, 3010-3013, 3015, 3016, 3019, 3020, 3022, 3024, 3025
															32	*3004, 3006
															32	*3009, 3104
17																*3014L
															32	*3017
17																*3018
																*3023
				21											32	*3103
				21					26							*3313
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

200	245	175	240	100	230	80	470	215	305	250	245	80	265	285	205	Length of spec.
		220													295	PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
												29				*340101, 3405
																*340102
												29				*3402-3404, 3408
												29				*3406, 6606
												29				*3407
				21												*3601
				21												*3602
				21												*3604
			20	21												*4301
												29				*6601, 6604, 6607
												29				*6602, 680101- 680202, 6806-6809, 6811N, 6812, 6816- 6819, 6821-6829, 6832-6835, 6838, 6839, 6841, 6843, 6901
				21								29				*6605
				22								29				*6815
												29				*6840
						w						29				*6842
17				21				25		27						*8001
																HLA-A allele ⁴
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																B*0818, B*7301
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.