

INTERPRETATION TABLE

HLA-A*23 SSP subtyping

Amplification patterns of the A*2301 to A*2319Q alleles

	Well ⁴											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	210	160	125	90	230	470	95	215	235	230	200	190
PCR product												
Length of int.	800	1070	800	1070	800	1070	800	1070	1070	800	800	1070
pos. control ¹												
5'-primer(s) ²	368	453	368	678	144	3 rd I	564	98	28	368	160	144
	5'-gTT ^{3'}	5'-AAA ^{3'}	5'-gTT ^{3'}	5'-AgA ^{3'}	5'-gCC ^{3'}	5'-ATA ^{3'}	5'-TgA ^{3'}	5'-CTC ^{3'}	5'-TCg ^{3'}	5'-gTT ^{3'}	5'-ACg ^{3'}	5'-gCC ^{3'}
3'-primer(s) ³	539	570	453	728	331	621	616	270	92	559	317	292
	5'-TCA ^{3'}	5'-CCg ^{3'}	5'-TCg ^{3'}	5'-CCT ^{3'}	5'-CTC ^{3'}	5'-CCC ^{3'}	5'-CgT ^{3'}	5'-ATA ^{3'}	5'-AAC ^{3'}	5'-CCg ^{3'}	5'-ggA ^{3'}	5'-gTg ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-A allele												
*2301	1	2										
*2302		2										
*230301-230302	1		3									
*2304	1											
*2305	1	2							9			
*2306	1	2			5							
*2307N	1	2				6						
*2308N	1	2					7					
*2309	1	2						8				
*2310	1	2								10		
*2311N	1	2									11	
*2312	1	2										12
*2313	1	2										
*2314	1	2										
*2315	1	2										
*2316	1	2										
*2317	1	2										
*2318	1	2		4								
*2319Q	1	2										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	210	160	125	90	230	470	95	215	235	230	200	190

PCR product													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*0102, 0120					8								
*0104N, 0321N, 1121N						6							
*021701-021702	1												
*0219, 0236, 0237, 0254, 2414, 2415, 2451-2453, 2457, 2464, 2492, 6826		2											
*0240, 0251, 9230													
*0282N							7						
*2494, 9208, 9210	1												
*24020101-240216, 2404, 2405, 2408, 2409N, 2417, 2420, 2426-2429, 2431, 2432, 2434-2441, 2443- 2445N, 2447-2450, 2454- 2456, 2458-2463, 2466- 2474, 2476-2486N, 2488- 2491, 2493, 3319		2											
*240301-240302, 2422, 2433													
*2406, 2487		2											
*2407, 2419		2											
*2410										w			
*2411N		2			6								
*241301	1	2											
*241302	1	2											
*2418	1												
*2421			3										
*2423, 2475, 2616													
*2424	1	2											
*2425		2							9				
*2430, 2442		2							12				
*2446		2								10			
*2907	1		3										
*300101-300102, 301101- 301102, 3014L-3020, 3023- 3026													
HLA-A allele													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
B*1827	1												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

INTERPRETATION TABLE

HLA-A*23 SSP subtyping

Amplification patterns of the A*2301 to A*2319Q alleles

Well ⁴										
13	14	15	16	17	18	19	20	21	22	
210	245	210	175	225	110	120	230	90	290	Length of spec.
			205							PCR product
800	1070	1070	800	1070	1070	800	800	800	1070	Length of int.
										pos. control ¹
368	368	368	98	98	453	493	379	920	368	5'-primer(s) ²
5'-gTT ^{3'}	5'-gTT ^{3'}	5'-gTT ^{3'}	5'-CTC ^{3'}	5'-CTC ^{3'}	5'-AAA ^{3'}	5'-CTg ^{3'}	5'-ACA ^{3'}	5'-CCA ^{3'}	5'-gTT ^{3'}	
			368							
			5'-gTT ^{3'}							
539	570	538	259	282	524	570	570	971	619	3'-primer(s) ³
5'-TCC ^{3'}	5'-CAC ^{3'}	5'-CAg ^{3'}	5'-gTT ^{3'}	5'-gAC ^{3'}	5'-CAC ^{3'}	5'-CCg ^{3'}	5'-CCg ^{3'}	5'-CAg ^{3'}	5'-ggT ^{3'}	
			502							
			5'-CTT ^{3'}							
			539							
			5'-TCT ^{3'}							
13	14	15	16	17	18	19	20	21	22	Well No.
										HLA-A allele
					18			21		*2301
13					w			21		*2302
								21		*230301-230302
	14				18			21		*2304
					18			21		*2305
					18			21		*2306
					18			21		*2307N
					18			21		*2308N
					18			21		*2309
					18			21		*2310
					18			21		*2311N
					18			21		*2312
				17	18			21		*2313
		15	16		18			21		*2314
					18	19		21		*2315
					18		20	21		*2316
					18					*2317
					w			21		*2318
					18			21	22	*2319Q
13	14	15	16	17	18	19	20	21	22	Well No.
210	245	210	175	225	110	120	230	90	290	Length of spec.

										PCR product		
13	14	15	205 16	17	18	19	20	21	22	Well No.		
										*0102, 0120		
										*0104N, 0321N, 1121N		
14			w							*021701-021702		
										*0219, 0236, 0237, 0254, 2414, 2415, 2451-2453, 2457, 2464, 2492, 6826		
				18						*0240, 0251, 9230		
										*0282N		
14										*2494, 9208, 9210		
			16							*24020101-240216, 2404, 2405, 2408, 2409N, 2417, 2420, 2426-2429, 2431, 2432, 2434-2441, 2443- 2445N, 2447-2450, 2454- 2456, 2458-2463, 2466- 2474, 2476-2486N, 2488- 2491, 2493, 3319		
14			16							*240301-240302, 2422, 2433		
13			16							*2406, 2487		
			16	17						*2407, 2419		
14			16							*2410		
			16							*2411N		
			16							*241301		
15			16							*241302		
14			16							*2418		
			16							*2421		
			16							*2423, 2475, 2616		
			16	17 18						*2424		
			16							*2425		
			16							*2430, 2442		
			16							*2446		
14										*2907		
				17						*300101-300102, 301101- 301102, 3014L-3020, 3023- 3026		
13	14	15	16	17	18	19	20	21	22	HLA-A allele		
										Well No.		
15												B*1827
13	14	15	16	17	18	19	20	21	22	Well No.		