

INTERPRETATION TABLE

HLA-A*31 SSP subtyping

Amplification patterns of the A*3101 to A*3128 alleles

	Well ⁵										
	1	2	3	4	5	6	7	8	9	10	11
Length of spec.	155	215	155	165	135	165	505	155	75	160	135
PCR product(s)					285			220			215
Length of int.	800	800	800	1070	1070	800	1070	1070	1070	1070	1070
pos. control ¹											
5'-primer ²	127	97	423	413	97	448	317	97	413	448	362
	5'-ggg 3'	5'-TCA 3'	5'-gCT 3'	5'-CCg 3'	5'-TCA 3'	5'-CCT 3'	5'-gCT 3'	5'-TCA 3'	5'-CCA 3'	5'-CCT 3'	5'-gAA 3'
					445			448			445
					5'-TCC 3'			5'-CCT 3'			5'-TCC 3'
3'-primer ³	238	270	538	539	341	570	538	214	448	565	538
	5'-CCT 3'	5'-ACT 3'	5'-CAA 3'	5'-TCA 3'	5'-CgT 3'	5'-CCg 3'	5'-CAA 3'	5'-CCA 3'	5'-CAA 3'	5'-CAg 3'	5'-CAA 3'
	245				538			278			
	5'-ACg 3'				5'-CAA 3'			5'-ggC 3'			
								559			
								5'-CCg 3'			
Well No.	1	2	3	4	5	6	7	8	9	10	11
HLA-A allele ⁴											
*310102-310106	1								9		
*3102	1	2							9		
*3103	1		3	4	5						
*3104	1		3	4							
*3105	1					6			9		
*3106	1			4							
*3107	1	2					7		9		
*3108		2					7		9		
*3109	1							8	9		
*3110	1						7		9		
*3111	1								9	10	
*3112	1								9		11
*3113	1								9		
*3114N	1								9		
*3115	1								9		
*3116	1								9		
*3117	1								9		
*3118	1								9		
*3119	1								9		
*3120	1								9		
*3121	1								9		
*3122	1								9		
*3123	1								9		
Well No.	1	2	3	4	5	6	7	8	9	10	11

Length of spec.	155	215	155	165	135	165	505	155	75	160	135
PCR product(s)					285			220			215
Well No.	1	2	3	4	5	6	7	8	9	10	11
*3124	1							8	9		
*3125	1								9		
*3126	1				5				9		11
*3127	1							8	9		
*3128	1								9		
*0106, 9214, 0305, 0342, 112401-1125, 1131, 1135, 29010101-290205, 2904, 2906-2911, 2915-2918, 2920- 2922, 3026, 680801, 680802, 8001				4							
*0107, 9285	1										
*0265, 9252, 3202, 3210, 3317, 7401- 7414N									9		
*0281, 0287, 9212, 9224, 9229, 230101, 230102, 230302-2313, 2315- 2325, 241301, 2418, 2424, 2494, 3204							7				
*0352											
*1143					5						
*230301, 3213						6	7		9		
*2482		2									
*2619, 3012, 3018	1										
*2903				4		6					
*2912				4							
*2913				4			7				
*2914	1			4							
*2919, 3318				4							
*320101-320104, 3203, 3205-3209, 3211Q, 3212, 3214- 3221							7		9		
*330101-330103, 330301-3307, 3309, 3311, 3312, 3314- 3316, 3320-3329									9		
*3308		2							9		

Well No.	1	2	3	4	5	6	7	8	9	10	11
Length of spec.	155	215	155	165	135	165	505	155	75	160	135
PCR product(s)					285			220			215
Well No.	1	2	3	4	5	6	7	8	9	10	11
*3310						6			9		
*3313					5				9		
*3319, 6829											
*3402-3404, 3407, 3408			3	4							
*3406, 6606			3								
HLA-A allele⁴											
Well No.	1	2	3	4	5	6	7	8	9	10	11

INTERPRETATION TABLE

HLA-A*31 SSP subtyping

Amplification patterns of the A*3101 to A*3128 alleles

Well⁵

12	13	14	15	16	17	18	19	20	21	22	23	24
245	85	150	150	165	150	200	110	325	180	155	200	220
		470	225		235					190		
1070	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
97	413	448	98	98	98	413	488	302	98	98	652	97
5'-TCA 3'	5'-CCA 3'	5'-CCT 3'	5'-CAC 3'	5'-CAC 3'	5'-CAC 3'	5'-CCA 3'	5'-ggT 3'	5'-ggA 3'	5'-CTT 3'	5'-CAC 3'	5'-CTg 3'	5'-TCA 3'
		3rd I	448		448							
		5'-ATA 3'	5'-CCT 3'		5'-CCT 3'							
299	456	559	281	221	292	571	559	346	238	214	811	277
5'-CCA 3'	5'-TCg 3'	5'-CCg 3'	5'-AgC 3'	5'-ACA 3'	5'-gTT 3'	5'-CCT 3'	5'-CgT 3'	5'-AgC 3'	5'-CCT 3'	5'-CCA 3'	5'-CAT 3'	5'-ggT 3'
		621	559		559					245		
		5'-ggg 3'	5'-CCT 3'		5'-CCT 3'					5'-ACg 3'		
12	13	14	15	16	17	18	19	20	21	22	23	24
12												
12												
12												
12												
12												
12												
12	13											
12		14										
12			15									
12				16								
12					17							
12						18						
12							19					
12								20				
12									21			
12										22		
12											23	
12	13	14	15	16	17	18	19	20	21	22	23	24

12	13	14	15	16	17	18	19	20	21	22	23	24
245	85	150	150	165	150	200	110	325	180	155	200	220
		470	225		235					190		
12	13	14	15	16	17	18	19	20	21	22	23	24
12												
12												
12	13	14	15	16	17	18	19	20	21	22	23	

Length of spec. PCR product(s)
Length of int. pos. control¹
5'-primer²
3'-primer³
Well No.
HLA-A allele⁴
*310102-310106
*3102
*3103
*3104
*3105
*3106
*3107
*3108
*3109
*3110
*3111
*3112
*3113
*3114N
*3115
*3116
*3117
*3118
*3119
*3120
*3121
*3122
*3123
Well No.

Length of spec.
PCR product(s)
Well No.
*3124
*3125
*3126
*3127
*3128
*0106, 9214, 0305, 0342, 112401-1125, 1131, 1135, 29010101-290205, 2904, 2906-2911, 2915-2918, 2920- 2922, 3026, 680801, 680802, 8001
*0107, 9285
*0265, 9252, 3202, 3210, 3317, 7401- 7414N
*0281, 0287, 9212, 9224, 9229, 230101, 230102, 230302-2313, 2315- 2325, 241301, 2418, 2424, 2494, 3204
*0352
*1143
*230301, 3213
*2482
*2619, 3012, 3018
*2903
*2912
*2913
*2914
*2919, 3318
*320101-320104, 3203, 3205-3209, 3211Q, 3212, 3214- 3221
*330101-330103, 330301-3307, 3309, 3311, 3312, 3314- 3316, 3320-3329
*3308

Well No.
Length of spec.
PCR product(s)
Well No.
*3310
*3313
*3319, 6829
*3402-3404, 3407, 3408
*3406, 6606
HLA-A allele ⁴
Well No.