

INTERPRETATION TABLE

HLA-A*31 SSP subtyping

Amplification patterns of the A*31:01 to A*31:37 alleles

	Well ⁵															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	155	215	155	165	135	165	505	155	75	160	135	245	85	150	150	165
PCR product(s)					285			220			215				225	
Length of int.	800	800	800	1070	1070	800	1070	1070	1070	1070	1070	1070	1070	800	1070	1070
pos. control ¹																
5'-primer ²	127	97	423	413	97	448	317	97	413	448	362	97	413	448	98	98
	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'}	5'-TCA ^{3'}	5'-CCA ^{3'}	5'-CCT ^{3'}	5'-CAC ^{3'}	5'-CAC ^{3'}
					445			448			445			445		
					5'-TCC ^{3'}			5'-CCT ^{3'}			5'-TCC ^{3'}			5'-ATA ^{3'}		
3'-primer ³	238	270	538	539	341	570	538	214	448	565	538	299	456	559	281	221
	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'}	5'-CCA ^{3'}	5'-TCg ^{3'}	5'-CCg ^{3'}	5'-AgC ^{3'}	5'-ACA ^{3'}
	238				538			278						621	559	
	5'-CCT ^{3'}				5'-CAA ^{3'}			5'-ggC ^{3'}						5'-ggg ^{3'}	5'-CCT ^{3'}	
	245							559								
	5'-ACg ^{3'}							5'-CCg ^{3'}								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-A allele ⁴																
*31:01:02-31:01:09, 31:14N ⁶	1								9			12				
*31:02	1	2							9			12				
*31:03	1		3	4	5							12				
*31:04	1		3	4								12				
*31:05	1					6			9			12				
*31:06	1			4								12				
*31:07	1	2					7		9							
*31:08		2					7		9							
*31:09	1							8	9			12				
*31:10	1						7		9							
*31:11	1								9	10		12				
*31:12	1								9		11	12				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	155	215	155	165	135	165	505	155	75	160	135	245	85	150	150	165
PCR product(s)					285			220			215				225	

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*31:13	1								9			12	13			
*31:15	1								9			12			15	
*31:16	1								9			12				16
*31:17	1								9			12				
*31:18	1								9			12				
*31:19	1								9			12				
*31:20	1								9			12				
*31:21	1								9							
*31:22	1								9			12				
*31:23	1								9			12				
*31:24	1							8	9			12		14		
*31:25	1								9			12			15	
*31:26	1				5				9		11	12				
*31:27	1							8	9			12				
*31:28	1								9			12				
*31:29	1								9			12				
*31:30	1								9			12				
*31:31	1								9			12				
*31:32	1								9			12				
*31:33	1								9							
*31:34	1								9			12				
*31:35	1								9			12				
*31:36	1								9			12				
*31:37	1								9			12				
*01:06, 02:114, 02:246, 03:05, 03:42, 11:24:01-11:25, 11:31, 11:35, 29:01:01-29:02:05, 29:04, 29:06, 29:08N- 29:11, 29:15-29:18, 29:20-29:22, 30:26, 68:08:01-68:08:02, 80:01-80:02				4												
*01:07	1															
*02:65, 02:152, 32:02, 32:22, 33:17, 74:01- 74:14N									9							
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	155	215	155	165	135	165	505	155	75	160	135	245	85	150	150	165
PCR product(s)					285			220			215				225	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

*02:81, 02:87, 02:112, 02:124, 02:129, 23:01:01-23:01:02, 23:03:02-23:13, 23:15- 23:20, 23:22-23:26, 24:13:01, 24:18, 24:24, 24:94, 32:04							7									
*02:185	1															
*02:243		2									12					
*02:251													13			
*03:01:19, 26:43:01, 34:06, 66:06			3													
*03:52																
*11:43					5						12					
*23:03:01						6	7		9							
*23:21	1						7									
*24:82		2														
*24:124, 26:19, 30:12, 30:18, B*15:82	1															
*29:03				4		6										
*29:07				4												
*29:12				4											16	
*29:13				4			7									
*29:14	1			4												
*29:19, 33:18				4							12					
*32:01:01-32:01:05, 32:03, 32:05-32:09, 32:11Q-32:12, 32:14- 32:21, 32:23-32:25							7		9							
*32:10									9							
*32:13						6	7		9							
*33:01:01-33:01:03, 33:03:01-33:07, 33:09, 33:11-33:12, 33:14-33:16, 33:20- 33:31									9			12				
*33:08		2							9			12				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	155	215	155	165	135	165	505	155	75	160	135	245	85	150	150	165
PCR product(s)					285			220			215				225	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*33:10						6			9			12				
*33:13					5				9							

*33:19, 68:29												12				
*34:02:01-34:03, 34:07-34:08			3	4												
*34:04	1		3	4												
HLA-A allele⁴																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE

HLA-A*31 SSP subtyping

Amplification patterns of the A*31:01 to A*31:37 alleles

Well ⁵																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
150	200	110	325	180	155	200	220	135	130	95	175	275	160	75	75	Length of spec. PCR product(s)
235					190								245			
1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	800	1070	1070	Length of int. pos. control ¹
98	413	488	302	98	98	652	97	355	448	235	406	97	97	203	448	5'-primer ²
5'-CAC ^{3'}	5'-CCA ^{3'}	5'-ggT ^{3'}	5'-ggA ^{3'}	5'-CTT ^{3'}	5'-CAC ^{3'}	5'-CTg ^{3'}	5'-TCA ^{3'}	5'-CCC ^{3'}	5'-CCT ^{3'}	5'-AgA ^{3'}	5'-gCT ^{3'}	5'-TCA ^{3'}	5'-TCA ^{3'}	5'-gAA ^{3'}	5'-CCT ^{3'}	
448													448			3'-primer ³
5'-CCT ^{3'}													5'-CCT ^{3'}			
292	571	559	346	238	214	811	277	448	539	290	538	331	299	238	482	3'-primer 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'}	5'-CAA ^{3'}	5'-TCC ^{3'}	5'-CAA ^{3'}	5'-CAA ^{3'}	5'-CTC ^{3'}	5'-CCC ^{3'}	5'-CCT ^{3'}	5'-TgC ^{3'}	
559					245								568			
5'-CCT ^{3'}					5'-ACg ^{3'}								5'-CTg ^{3'}			
																Well No.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
																HLA-A allele ⁴
																*31:01:02-31:01:09, 31:14N ⁶
																*31:02
																*31:03
																*31:04
																*31:05
																*31:06
																*31:07
																*31:08
																*31:09
																*31:10
																*31:11
																*31:12
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
150	200	110	325	180	155	200	220	135	130	95	175	275	160	75	75	Length of spec. PCR product(s)
235					190								245			

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																*31:13
																*31:15
																*31:16
17																*31:17
	18															*31:18
		19														*31:19
			20													*31:20
				21												*31:21
					22											*31:22
						23										*31:23
17																*31:24
																*31:25
					22											*31:26
							24									*31:27
								25								*31:28
									26							*31:29
										27						*31:30
											28					*31:31
													30			*31:32
														30		*31:33
															31	*31:34
																*31:35
												29				*31:36
															32	*31:37
																*01:06, 02:114, 02:246, 03:05, 03:42, 11:24:01-11:25, 11:31, 11:35, 29:01:01:01-29:02:05, 29:04, 29:06, 29:08N- 29:11, 29:15-29:18, 29:20-29:22, 30:26, 68:08:01-68:08:02, 80:01-80:02
				21											31	*01:07
																*02:65, 02:152, 32:02, 32:22, 33:17, 74:01- 74:14N
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
150	200	110	325	180	155	200	220	135	130	95	175	275	160	75	75	Length of spec.
235					190								245			PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

