

INTERPRETATION TABLE

HLA-A*32 SSP subtyping

Amplification patterns of the A*32:01 to A*32:58 alleles

	Well ⁸										
	1	2	3	4	5	6	7	8	9	10	11
Length of spec.	200	510	130	115	165	120	135	165	180	150	120
PCR product(s)						520		215			165
Length of int. pos. control ¹	800	1070	1070	800	800	1070	800	1070	1070	800	1070
5'-primer(s) ²	98	317	448	448	180	101	180	98	180	180	101
	5'-CTT ^{3'}	5'-gCT ^{3'}	5'-CCT ^{3'}	5'-CCT ^{3'}	5'-TTT ^{3'}	5'-CAT ^{3'}	5'-TTT ^{3'}	5'-CTC ^{3'}	5'-TTT ^{3'}	5'-TTT ^{3'}	5'-CAT ^{3'}
	98					317		448			448
	5'-CTT ^{3'}					5'-gCT ^{3'}		5'-CCT ^{3'}			5'-CCT ^{3'}
3'-primer(s) ³	256	538	539	524	302	180	265	270	317	282	180
	5'-CTg ^{3'}	5'-CAA ^{3'}	5'-TCT ^{3'}	5'-CAT ^{3'}	5'-ggT ^{3'}	5'-TCA ^{3'}	5'-CCC ^{3'}	5'-ACA ^{3'}	5'-ggA ^{3'}	5'-gAC ^{3'}	5'-TCA ^{3'}
	256	555				555	282	573		292	571
	5'-CTg ^{3'}	5'-CCA ^{3'}				5'-CCA ^{3'}	5'-gAC ^{3'}	5'-AgT ^{3'}		5'-gTg ^{3'}	5'-CCg ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11
HLA-A allele ⁴											
*32:01:01-32:01:05, 32:01:07-32:01:15, 32:29-32:38, 32:40-32:41, 32:43, 32:46-32:47, 32:49-32:51, 32:55:01-32:55:02, 32:57-32:58	1	2							9		
*32:01:06	1								9		
*32:02	1		3	4					9		
*32:03	1	2			5				9		
*32:04	1	2				6					
*32:05	1	2					7		9		
*32:06	1	2		4					9		
*32:07		2						8	9		
*32:08	1	2							9	10	
*32:09	1	2							9		11
*32:10	1								9		
*32:11Q	1	2							9		
Well No.	1	2	3	4	5	6	7	8	9	10	11
Length of spec.	200	510	130	115	165	120	135	165	180	150	120
PCR product(s)						520		215			165

Well No.	1	2	3	4	5	6	7	8	9	10	11
*32:12	1	2							9		
*32:13	1	2							9		
*32:14	1	2							9		
*32:15		2							9		
*32:16	1	2							9		
*32:17	1	2					7		9	10	
*32:18	1	2							9		
*32:19N	1	2						8	9		
*32:20	1	2				6			9		11
*32:21, 32:44 ⁵	1	2							9		
*32:22	1		3						9		
*32:23, 32:54 ⁶	1	2							9		
*32:24	1	2							9		
*32:25		2							9		
*32:26	1	2							9		
*32:27N	1	2							9		
*32:28, 32:53 ⁷	1	2							9		
*32:39, 32:42		2							9		
*32:45N	1	2							9		
*32:48N	1	2							9		
*32:52	1	2				6			9		
*32:56N	1	2							9		
*01:01:01:01-01:01:58, 01:03-01:04N, 01:06-01:19, 01:21-01:33, 01:35-01:42, 01:44-01:46, 01:48-01:50, 01:52N-01:59, 01:61-01:70, 01:72-01:82, 01:84-01:104, 01:106-01:138, 02:45, 02:56:01-02:56:02, 02:103, 02:195, 03:01:01:01-03:01:03, 03:01:05-03:11N, 03:13-03:22:02, 03:25-03:29, 03:31-03:35, 03:37-03:58, 03:60-03:69N, 03:71, 03:73-03:87, 03:90-03:112, 03:114-03:151, 03:153-03:174, 30:55, 31:21, 36:01-36:05, 74:01-74:03, 74:05-74:17	1										
*01:02, 01:20								w			
*01:51, 02:55, 03:24, 25:03, 26:20, 34:08, 68:71											
*02:24:02, 29:51, 31:41				4							
Well No.	1	2	3	4	5	6	7	8	9	10	11
Length of spec.	200	510	130	115	165	120	135	165	180	150	120
PCR product(s)						520		215			165
Well No.	1	2	3	4	5	6	7	8	9	10	11

*02:41, 02:80, 02:117, 02:289, 02:304, 24:62, 26:10, 31:67-31:68, 33:32:01, 33:39												
*02:81, 02:87, 02:112, 02:124, 02:129, 23:01:01-23:01:11, 23:03:02- 23:08N, 23:10-23:13, 23:14:02- 23:26, 23:28-23:33, 23:35-23:37:02, 23:39-23:44, 23:46-23:50, 23:52- 23:60, 24:13:01, 24:94, 24:188, 24:207, 24:228, 25:19, 31:07-31:08, 31:10		2										
*02:294, 33:46, 66:08												
*02:314N												
*03:72, 11:88, 24:67, 24:145, 24:156, 24:191, 26:16, 29:37, 30:01:01- 30:04:02, 30:06, 30:09-30:20, 30:23- 30:30, 30:32-30:54, 30:56-30:59N, 30:61-30:78N, 68:45								8				
*03:152, 24:18, 24:204, 24:213		2				6						
*11:01:28, 29:05, 31:24, 33:59			3									
*23:03:01		2										
*23:09		2						w				
*23:45		2										
*23:51, 24:24		2						8				
*24:208, 29:33			3	4								
*29:03, 31:05, 33:10												
*29:06, 31:51												
*29:13		2					7		9	10		
*29:28, 31:30, C*02:02:15												
*31:25												
*31:45, 33:16												
*34:01:01-34:01:02, 34:05												
HLA-A allele⁴												
Well No.	1	2	3	4	5	6	7	8	9	10	11	

INTERPRETATION TABLE												
HLA-A*32 SSP subtyping												
Amplification patterns of the A*32:01 to												
Well ⁸												
12	13	14	15	16	17	18	19	20	21	22	23	24
130	155	215	165	220	75	130	110	125	150	175	80	175
195	200		220		200			220		230	225	
1070	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	800
448	102	139	139	124	448	180	180	448	448	98	414	98
5'-CCT ^{3'}	5'-ACA ^{3'}	5'-TCg ^{3'}	5'-TCg ^{3'}	5'-gCC ^{3'}	5'-CCT ^{3'}	5'-TTT ^{3'}	5'-TTT ^{3'}	5'-CCT ^{3'}	5'-CCT ^{3'}	5'-CTT ^{3'}	5'-CAG ^{3'}	5'-CTT ^{3'}
	448	448	448				448	652			649	411
	5'-CCT ^{3'}	5'-CCT ^{3'}	5'-CCT ^{3'}				5'-CCT ^{3'}	5'-CTg ^{3'}			5'-ACA ^{3'}	5'-TAG ^{3'}
539	259	317	317	302	482	271	258	532	559	232	453	232
5'-TCC ^{3'}	5'-gTT ^{3'}	5'-ggA ^{3'}	5'-ggA ^{3'}	5'-ggC ^{3'}	5'-Tgg ^{3'}	5'-CAT ^{3'}	5'-TCg ^{3'}	5'-CTT ^{3'}	5'-CCT ^{3'}	5'-C.g ^{3'}	5'-TCT ^{3'}	5'-C.g ^{3'}
602	563	616	570		608		508	829		286	831	538
5'-TCA ^{3'}	5'-CgA ^{3'}	5'-CgC ^{3'}	5'-CCg ^{3'}		5'-gCg ^{3'}		5'-CTA ^{3'}	5'-CTC ^{3'}		5'-CTA ^{3'}	5'-TCC ^{3'}	5'-CAA ^{3'}
12	13	14	15	16	17	18	19	20	21	22	23	24
12												
	13											
12	13	14	15	16	17	18	19	20	21	22	23	24
130	155	215	165	220	75	130	110	125	150	175	80	175
195	200		220		200			220		230	225	

12	13	14	15	16	17	18	19	20	21	22	23	24
		14										
			15									
				16								
	13											
12												
		14	15									
					17							
								20				
						18						
							19					
									21			
										22		
											23	
							19					24
										22		24
	13											
12	13	14	15	16	17	18	19	20	21	22	23	24
130	155	215	165	220	75	130	110	125	150	175	80	175
195	200		220		200			220		230	225	
12	13	14	15	16	17	18	19	20	21	22	23	24

												23	
								20					
													24
			15										
												23	
			15										
			15										
		14											
12													
										21			
						17							
									?				
12	13	14	15	16	17	18	19	20	21	22	23	24	

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A*32:58 alleles
Length of spec. PCR product(s)
Length of int. pos. control¹
5'-primer(s)²
3'-primer(s)³
Well No.
HLA-A allele⁴
*32:01:01-32:01:05, 32:01:07- 32:01:15, 32:29-32:38, 32:40-32:41, 32:43, 32:46-32:47, 32:49-32:51, 32:55:01- 32:55:02, 32:57-32:58
*32:01:06
*32:02
*32:03
*32:04
*32:05
*32:06
*32:07
*32:08
*32:09
*32:10
*32:11Q
Well No.
Length of spec. PCR product(s)

Well No.
*32:12
*32:13
*32:14
*32:15
*32:16
*32:17
*32:18
*32:19N
*32:20
*32:21, 32:44 ⁵
*32:22
*32:23, 32:54 ⁶
*32:24
*32:25
*32:26
*32:27N
*32:28, 32:53 ⁷
*32:39, 32:42
*32:45N
*32:48N
*32:52
*32:56N
*01:01:01:01-01:01:58, 01:03-01:04N, 01:06-01:19, 01:21-01:33, 01:35-01:42, 01:44-01:46, 01:48-01:50, 01:52N-01:59, 01:61-01:70, 01:72-01:82, 01:84-01:104, 01:106-01:138, 02:45, 02:56:01-02:56:02, 02:103, 02:195, 03:01:01:01-03:01:03, 03:01:05-03:11N, 03:13-03:22:02, 03:25-03:29, 03:31-03:35, 03:37-03:58, 03:60-03:69N, 03:71, 03:73-03:87, 03:90-03:112, 03:114-03:151, 03:153-03:174, 30:55, 31:21, 36:01-36:05, 74:01-74:03, 74:05-74:17
*01:02, 01:20
*01:51, 02:55, 03:24, 25:03, 26:20, 34:08, 68:71
*02:24:02, 29:51, 31:41
Well No.
Length of spec.
PCR product(s)
Well No.

*02:41, 02:80, 02:117, 02:289, 02:304, 24:62, 26:10, 31:67-31:68, 33:32:01, 33:39
*02:81, 02:87, 02:112, 02:124, 02:129, 23:01:01-23:01:11, 23:03:02- 23:08N, 23:10-23:13, 23:14:02- 23:26, 23:28-23:33, 23:35-23:37:02, 23:39-23:44, 23:46-23:50, 23:52- 23:60, 24:13:01, 24:94, 24:188, 24:207, 24:228, 25:19, 31:07-31:08, 31:10
*02:294, 33:46, 66:08
*02:314N
*03:72, 11:88, 24:67, 24:145, 24:156, 24:191, 26:16, 29:37, 30:01:01- 30:04:02, 30:06, 30:09-30:20, 30:23- 30:30, 30:32-30:54, 30:56-30:59N, 30:61-30:78N, 68:45
*03:152, 24:18, 24:204, 24:213
*11:01:28, 29:05, 31:24, 33:59
*23:03:01
*23:09
*23:45
*23:51, 24:24
*24:208, 29:33
*29:03, 31:05, 33:10
*29:06, 31:51
*29:13
*29:28, 31:30, C*02:02:15
*31:25
*31:45, 33:16
*34:01:01-34:01:02, 34:05
HLA-A allele⁴
Well No.