

INTERPRETATION TABLE

HLA-B*57 SSP subtyping

Amplification patterns of the B*57:01 to 57:37 alleles

	Well ⁴											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	150	100	220	100	220	95	105	90	170	210	165	90
PCR product(s)						190		250			215	
Length of int. pos. control ¹	800	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070
5'-primer(s) ²	355	362	362	355	362	362	209	209	527	320	362	362
	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-ggA ^{3'}	5'-TgA ^{3'}	5'-CCC ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}
								362				
								5'-ggT ^{3'}				
3'-primer(s) ³	463	419	539	412	539	418	271	256	3 rd I	2 nd I	486	412
	5'-gCT ^{3'}	5'-Cgg ^{3'}	5'-TCA ^{3'}	5'-gTT ^{3'}	5'-TCC ^{3'}	5'-gTC ^{3'}	5'-CAC ^{3'}	5'-CCC ^{3'}	5'-TAT ^{3'}	5'-TCg ^{3'}	5'-gCg ^{3'}	5'-gTT ^{3'}
		419				500		572			538	
		5'-Cag ^{3'}				5'-ggA ^{3'}		5'-gCg ^{3'}			5'-gTC ^{3'}	
						527						
						5'-CCg ^{3'}						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele												
*57:01:01-57:01:04, 57:01:06-57:01:10	1	2	3									
*57:01:05		2	3									
*57:02:01-57:02:02	1			4	5							12
*57:03:01-57:03:02	1		3	4								12
*57:04	1				5	6						
*57:05	1			4								
*57:06	1	2	3			6						
*57:07	1		3	4				8				12
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	150	100	220	100	220	95	105	90	170	210	165	90

PCR product(s)						190		250			215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*57:08	1	2	3							10		
*57:09	1			4					9		11	12
*57:10	1	2	3									
*57:11												
*57:12	1			4	5							12
*57:13		2			5				9			
*57:14	1	2	3								11	
*57:15	1	2	3				7					
*57:16	1	2	3					8				
*57:17	1		3	4								12
*57:18	1	2	3									
*57:19	1	2			5							
*57:20	1	2	3									
*57:21	1	2	3									
*57:22	1	2	3						9			
*57:23	1	2	3									
*57:24	1	2									11	
*57:25	1	2	3									
*57:26	1	2	3									
*57:27	1	2	3									
*57:28N	1				5							
*57:29	1	2	3									
*57:30	1	2			5	6						
*57:31		2	3									
*57:32	1		3			6						
*57:33	1	2	3									
*57:34	1	2	3									
*57:35	1	2	3									
*57:36	1	2	3									
*57:37	1	2	3									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	150	100	220	100	220	95	105	90	170	210	165	90
PCR product(s)						190		250			215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*07:02:01-07:24, 07:26-07:47, 07:49N-07:50, 07:52-07:117, 08:20, 08:53, 13:16, 13:31, 14:05-14:06:02, 14:08, 14:13, 15:01:01:01-15:01:04, 15:01:06-15:01:20, 15:03:01-15:04, 15:06-15:12, 15:14-15:19, 15:23-15:24, 15:26N-15:30, 15:32-15:35, 15:37-15:40, 15:42-15:43, 15:45-15:47, 15:49-15:50, 15:53-15:54, 15:56-15:58, 15:60-15:61, 15:63-15:74, 15:76, 15:78:01-15:79N, 15:81-15:82, 15:87, 15:90, 15:92-15:99, 15:101-15:104, 15:108-15:110, 15:113, 15:115-15:120, 15:122, 15:125-15:129, 15:131-15:135, 15:137-15:138, 15:140-15:143, 15:146-15:150, 15:152-15:153, 15:156-15:161, 15:163-15:164, 15:166-15:169, 15:171-15:175, 15:177-15:178, 15:180-15:184, 15:187, 15:189-15:193, 15:195-15:199, 15:201-15:203, 15:205-15:209N, 18:15, 18:19, 18:21, 18:30, 27:04:01-27:04:03, 27:06, 27:10, 27:15, 27:18, 27:20-27:21, 27:24-27:25, 27:40, 27:54, 27:63, 27:66N, 27:68-27:69, 35:43:01-35:44,									9			
35:58, 35:67, 35:79, 35:86, 35:99, 35:102, 35:117-35:118, 35:135, 37:07, 38:10, 39:18, 39:35-39:36, 40:05, 40:15-40:16, 40:23, 40:26, 40:32, 40:51, 40:95, 40:98, 40:148, 40:158, 46:01:01-46:05, 46:07N-46:08, 46:10, 46:12, 46:14-46:17, 46:20, 46:22-46:24, 48:05, 48:08, 48:15, 49:01:01-49:10, 49:12-49:15, 50:01:01-50:02, 50:04-50:12, 51:01:01-51:03, 51:06-51:07:02, 51:11N-51:14, 51:16-51:18, 51:21-51:24:04, 51:26-51:30, 51:32-51:39, 51:41N, 51:43, 51:45, 51:48-51:52, 51:55, 51:57-51:72, 51:74-51:80, 51:82-51:92, 51:94-51:96, 51:98N-51:106, 52:01:01-52:02, 52:04-52:09, 52:11-52:18, 52:20-52:22, 54:06, 54:20, 55:01:01-55:01:06, 55:03, 55:05, 55:09, 55:11, 55:15, 55:17, 55:21, 55:24-55:25, 55:28-55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 55:44-55:45, 56:03, 56:05:01-56:06, 56:21, 56:25, 58:08, 78:01-78:03, 78:05-78:07												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	150	100	220	100	220	95	105	90	170	210	165	90
PCR product(s)						190		250			215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*08:49, 13:01:01-13:01:05, 13:06-13:07N, 13:12, 13:17, 13:22:01-13:23, 13:25-13:26, 13:28-13:29, 13:36, 13:39, 15:20, 15:88, 18:22, 27:19, 27:30, 35:01:01:01-35:01:22, 35:03:01-35:03:07, 35:07-35:08:04, 35:10, 35:13, 35:15-35:17, 35:19-35:20:02, 35:23-35:30, 35:33-35:36, 35:38-35:42:02, 35:45-35:50, 35:52, 35:54-35:57, 35:61-35:63, 35:65Q, 35:69-35:71, 35:74, 35:76-35:78, 35:80, 35:82, 35:84-35:85, 35:90-35:94, 35:98, 35:100-35:101:02, 35:103-35:113, 35:115-35:116, 35:120-35:126, 35:128, 35:130N-35:134N, 35:136-35:148, 35:150, 37:25, 44:02:01:01-44:14, 44:16-44:17, 44:19N, 44:21-44:30, 44:32-44:40, 44:42-44:46, 44:48-44:52N, 44:55-44:61N, 44:63-44:64:02, 44:66-44:75, 44:78, 44:80-44:81, 44:83-44:98, 44:101-44:105, 44:107-44:115, 48:02:01-48:02:02, 51:42, 53:01:01-53:05, 53:07, 53:09-53:13, 53:15-53:18, 53:20-53:24, 56:09, 56:11, 58:01:01-58:01:02, 58:01:04-58:01:08, 58:04-58:05, 58:09-58:13, 58:15, 58:17N, 58:21-58:24, 58:29-58:31N, 83:01, C*03:102	1											
*08:60, 13:21, 35:09:01-35:09:02, 35:18, 35:88, 37:12, 40:04, 40:64, 40:68, 40:99, 40:129, 40:137, 42:13, C*15:24				4								
*13:13, 35:02:01-35:02:04, 35:04:01-35:04:03, 35:12:01-35:12:02, 35:81, 35:83, 35:95, 35:129N, 35:149, 44:62, 44:77, 44:82, 53:19, 56:12, 58:28	1			4								
*13:20, 14:10, 15:02:01-15:02:05, 15:13, 15:21, 15:25:01-15:25:03, 15:36, 15:44, 15:62, 15:77, 15:80, 15:85, 15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 15:194, 15:204, 35:11:01-35:11:02, 35:14:01-35:14:02, 35:21, 35:96, 44:76, 44:79, 53:06, 53:08:01-53:08:02, 58:19	1								9			
*14:01:01-14:04, 14:07N, 14:09, 14:11-14:12, 14:14-14:19, 58:06									9			
*18:44, 40:150, 58:02, 58:07, 58:25, C*01:32, C*06:20												
*35:06, 35:59, 37:01:01-37:01:07, 37:03N-37:06, 37:08, 37:10-37:11, 37:14-37:24, 38:20, 39:42	1			w								
*35:127												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	150	100	220	100	220	95	105	90	170	210	165	90
PCR product(s)						190		250			215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*37:13	1			w					9			
*40:28, 51:04, 51:46, 51:56	1			4					9			
*40:30, 40:34			3	4								12
*48:17, C*05:10				w								
*55:14	1	2	3						9		11	
*58:14	1	2	3								11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE

HLA-B*57 SSP subtyping

Amplification patterns of the B*57:01 to 57:37 alleles

Well ⁴												
13	14	15	16	17	18	19	20	21	22	23	24	
90	135	110	85	140	165	240	90	110	95	75	170	Length of spec.
	195	145	160	210			240	150		100		PCR product(s)
800	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	Length of int. pos. control ¹
209	103	361	256	362	130	362	209	352	200	209	878	5'-primer(s) ²
5'-ggC ^{3'}	5'-CCT ^{3'}	5'-AgT ^{3'}	5'-ACg ^{3'}	5'-ggT ^{3'}	5'-AgT ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-ACg ^{3'}	5'-TCg ^{3'}	5'-ggC ^{3'}	5'-gCA ^{3'}	
	446	392	362				362	392				
	5'-CgA ^{3'}	5'-CgA ^{3'}	5'-ggT ^{3'}				5'-ggT ^{3'}	5'-CgA ^{3'}				
		704										
		5'-TgT ^{3'}										
256	256	463	302	463	256	559	259	463	256	244	916	3'-primer(s) ³
5'-CCC ^{3'}	5'-CCC ^{3'}	5'-gCT ^{3'}	5'-ggC ^{3'}	5'-gCg ^{3'}	5'-CCC ^{3'}	5'-CTC ^{3'}	5'-CTT ^{3'}	5'-gCT ^{3'}	5'-CCC ^{3'}	5'-CTT ^{3'}	5'-gAC ^{3'}	
	539	774	481	527			559			268		
	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-gTA ^{3'}	5'-CCT ^{3'}			5'-CgT ^{3'}			5'-gTg ^{3'}		
				537								
				5'-Agg ^{3'}								
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele
13												*57:01:01-57:01:04, 57:01:06-57:01:10
13												*57:01:05
13												*57:02:01-57:02:02
13												*57:03:01-57:03:02
13												*57:04
13												*57:05
13												*57:06
13												*57:07
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
90	135	110	85	140	165	240	90	110	95	75	170	Length of spec.

	195	145	160	210			240	150		100		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
13												*57:08
13												*57:09
13	14											*57:10
13		15										*57:11
13			16									*57:12
13				17		19						*57:13
13												*57:14
13												*57:15
												*57:16
13	14											*57:17
13			16									*57:18
13												*57:19
							20					*57:20
13								21				*57:21
13				17								*57:22
13					18							*57:23
13												*57:24
13						19						*57:25
13							20					*57:26
13				17								*57:27
13												*57:28N
13		15										*57:29
13												*57:30
13				17								*57:31
13												*57:32
13		15						21				*57:33
13									22			*57:34
13										23		*57:35
										23		*57:36
13											24	*57:37
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

90	135	110	85	140	165	240	90	110	95	75	170	Length of spec.
	195	145	160	210			240	150		100		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												<p>*07:02:01-07:24, 07:26-07:47, 07:49N-07:50, 07:52-07:117, 08:20, 08:53, 13:16, 13:31, 14:05-14:06:02, 14:08, 14:13, 15:01:01:01-15:01:04, 15:01:06-15:01:20, 15:03:01-15:04, 15:06-15:12, 15:14-15:19, 15:23-15:24, 15:26N-15:30, 15:32-15:35, 15:37-15:40, 15:42-15:43, 15:45-15:47, 15:49-15:50, 15:53-15:54, 15:56-15:58, 15:60-15:61, 15:63-15:74, 15:76, 15:78:01-15:79N, 15:81-15:82, 15:87, 15:90, 15:92-15:99, 15:101-15:104, 15:108-15:110, 15:113, 15:115-15:120, 15:122, 15:125-15:129, 15:131-15:135, 15:137-15:138, 15:140-15:143, 15:146-15:150, 15:152-15:153, 15:156-15:161, 15:163-15:164, 15:166-15:169, 15:171-15:175, 15:177-15:178, 15:180-15:184, 15:187, 15:189-15:193, 15:195-15:199, 15:201-15:203, 15:205-15:209N, 18:15, 18:19, 18:21, 18:30, 27:04:01-27:04:03, 27:06, 27:10, 27:15, 27:18, 27:20-27:21, 27:24-27:25, 27:40, 27:54, 27:63, 27:66N, 27:68-27:69, 35:43:01-35:44,</p> <p>35:58, 35:67, 35:79, 35:86, 35:99, 35:102, 35:117-35:118, 35:135, 37:07, 38:10, 39:18, 39:35-39:36, 40:05, 40:15-40:16, 40:23, 40:26, 40:32, 40:51, 40:95, 40:98, 40:148, 40:158, 46:01:01-46:05, 46:07N-46:08, 46:10, 46:12, 46:14-46:17, 46:20, 46:22-46:24, 48:05, 48:08, 48:15, 49:01:01-49:10, 49:12-49:15, 50:01:01-50:02, 50:04-50:12, 51:01:01-51:03, 51:06-51:07:02, 51:11N-51:14, 51:16-51:18, 51:21-51:24:04, 51:26-51:30, 51:32-51:39, 51:41N, 51:43, 51:45, 51:48-51:52, 51:55, 51:57-51:72, 51:74-51:80, 51:82-51:92, 51:94-51:96, 51:98N-51:106, 52:01:01-52:02, 52:04-52:09, 52:11-52:18, 52:20-52:22, 54:06, 54:20, 55:01:01-55:01:06, 55:03, 55:05, 55:09, 55:11, 55:15, 55:17, 55:21, 55:24-55:25, 55:28-55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 55:44-55:45, 56:03, 56:05:01-56:06, 56:21, 56:25, 58:08, 78:01-78:03, 78:05-78:07</p>
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

90	135	110	85	140	165	240	90	110	95	75	170	Length of spec.
	195	145	160	210			240	150		100		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*08:49, 13:01:01-13:01:05, 13:06-13:07N, 13:12, 13:17, 13:22:01-13:23, 13:25-13:26, 13:28-13:29, 13:36, 13:39, 15:20, 15:88, 18:22, 27:19, 27:30, 35:01:01:01-35:01:22, 35:03:01-35:03:07, 35:07-35:08:04, 35:10, 35:13, 35:15-35:17, 35:19-35:20:02, 35:23-35:30, 35:33-35:36, 35:38-35:42:02, 35:45-35:50, 35:52, 35:54-35:57, 35:61-35:63, 35:65Q, 35:69-35:71, 35:74, 35:76-35:78, 35:80, 35:82, 35:84-35:85, 35:90-35:94, 35:98, 35:100-35:101:02, 35:103-35:113, 35:115-35:116, 35:120-35:126, 35:128, 35:130N-35:134N, 35:136-35:148, 35:150, 37:25, 44:02:01:01-44:14, 44:16-44:17, 44:19N, 44:21-44:30, 44:32-44:40, 44:42-44:46, 44:48-44:52N, 44:55-44:61N, 44:63-44:64:02, 44:66-44:75, 44:78, 44:80-44:81, 44:83-44:98, 44:101-44:105, 44:107-44:115, 48:02:01-48:02:02, 51:42, 53:01:01-53:05, 53:07, 53:09-53:13, 53:15-53:18, 53:20-53:24, 56:09, 56:11, 58:01:01-58:01:02, 58:01:04-58:01:08, 58:04-58:05, 58:09-58:13, 58:15, 58:17N, 58:21-58:24, 58:29-58:31N, 83:01, C*03:102
												*08:60, 13:21, 35:09:01-35:09:02, 35:18, 35:88, 37:12, 40:04, 40:64, 40:68, 40:99, 40:129, 40:137, 42:13, C*15:24
												*13:13, 35:02:01-35:02:04, 35:04:01-35:04:03, 35:12:01-35:12:02, 35:81, 35:83, 35:95, 35:129N, 35:149, 44:62, 44:77, 44:82, 53:19, 56:12, 58:28
												*13:20, 14:10, 15:02:01-15:02:05, 15:13, 15:21, 15:25:01-15:25:03, 15:36, 15:44, 15:62, 15:77, 15:80, 15:85, 15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 15:194, 15:204, 35:11:01-35:11:02, 35:14:01-35:14:02, 35:21, 35:96, 44:76, 44:79, 53:06, 53:08:01-53:08:02, 58:19
		15										*14:01:01-14:04, 14:07N, 14:09, 14:11-14:12, 14:14-14:19, 58:06
		15										*18:44, 40:150, 58:02, 58:07, 58:25, C*01:32, C*06:20
												*35:06, 35:59, 37:01:01-37:01:07, 37:03N-37:06, 37:08, 37:10-37:11, 37:14-37:24, 38:20, 39:42
								21				*35:127
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
90	135	110	85	140	165	240	90	110	95	75	170	Length of spec.
	195	145	160	210			240	150		100		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

