

INTERPRETATION TABLE

HLA-B*57 SSP subtyping

Amplification patterns of the B*57:01 to 57:58 alleles

	Well ⁷											
	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		200			215	
								250			240	
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	97	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'-TCg ^{3'}	5'-TgA ^{3'}	5'-CCC ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}
								209				
								5'-ggA ^{3'}				
								362				
								5'-ggT ^{3'}				
3'-primer(s) ³	463	419	539	412	539	418	271	256	3 rd	2 nd	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					559	
						5'-CCg ^{3'}					5'-Cgg ^{3'}	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele ⁴												
*57:01:01-57:01:04, 57:01:06-57:01:13, 57:38, 57:44, 57:48, 57:50, 57:54, 57:56, 57:58	1	2	3									
*57:01:05, 57:47		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		200			215	
								250			240	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*57:49	1	2	3					8				
*57:51	1	2	3									
*57:52	1	2										
*57:53	1		3									
*57:57	1		3	4					9			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		200			215	
								250			240	
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, 07:52-07:119, 07:121-07:136, 07:138-07:154, 07:156-07:162, 08:20, 08:53, 08:79, 13:16, 13:31, 13:48, 14:05-14:06:02, 14:08, 14:13, 15:01:01:01-15:01:04, 15:01:06-15:01:29, 15:03:01-15:04, 15:07:01-15:12, 15:14-15:19, 15:23-15:24, 15:26N-15:30, 15:32-15:35, 15:37-15:40, 15:42-15:43, 15:45-15:47:02, 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, 15:125-15:127, 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, 15:205-15:212, 15:215-15:217, 15:219-15:221, 15:225-15:234, 15:236, 15:238-15:239, 15:241-15:249, 15:251-15:254, 18:15, 18:19, 18:21, 18:30, 18:57, 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, 27:79, 27:86, 27:91-27:92, 35:43:01-35:44, 35:58, 35:67, 35:79, 35:86, 35:99, 35:102, 35:117-35:118, 35:135, 35:185, 37:07, 38:10, 38:32, 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, 40:161, 40:174, 40:183, 40:198, 46:01:01-46:05, 46:07N-46:08, 46:10, 46:12, 46:14-46:17, 46:20, 46:22-46:24, 46:27-46:32, 46:34, 48:05, 48:08, 48:15, 49:01:01-49:10, 49:12-49:22, 50:01:01-50:02, 50:04-50:16, 51:01:01-51:03, 51:06:01-51:07:02, 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-51:107, 51:109-51:114, 51:116-51:119, 51:121, 51:123-51:137, 52:01:01:01-52:02, 52:04-52:09, 52:11-52:18, 52:20-52:27, 52:30, 54:06, 54:20, 55:01:01-55:01:09, 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, 55:52-55:53, 55:55N-55:56, 56:03, 56:05:01-56:06, 56:21, 56:25, 56:32, 58:08:01-58:08:02, 78:01:01-78:03, 78:05-78:07									9			
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

*13:13, 35:02:01-35:02:04, 35:04:01-35:04:03, 35:12:01-35:12:03, 35:81, 35:83, 35:95, 35:129N, 35:149, 35:154, 35:157, 35:162, 35:172, 35:182-35:184, 35:201, 37:19, 44:62, 44:77, 53:19, 56:12, 58:28	1			4								
*13:20, 14:10, 15:62, 15:77, 15:80, 15:85, 15:106, 15:154, 15:165, 15:170, 15:194, 15:223, 35:11:01-35:11:02, 35:14:01-35:14:02, 35:21, 35:96, 35:167, 35:188, 44:76, 44:79, 44:146, 44:150, 48:25, 50:17, 53:06, 53:08:01-53:08:02, 53:28, 58:19	1								9			
*14:24									9			
*15:02:01-15:02:06, 15:13:01-15:13:02, 15:21, 15:25:01-15:25:03, 15:36, 15:44, 15:89, 15:112, 15:121, 15:139, 15:144, 15:204, 15:213, 15:240	1								9			
*15:06, 15:128									9			
*15:88, 15:250	1											
*15:214	1								9			
*18:44:01-18:44:02, 40:150, 58:02, 58:07, 58:25, <i>C*01:32, C*06:20</i>												
*35:06, 35:59, 37:01:01-37:01:07, 37:03N-37:06, 37:08, 37:10-37:11, 37:14-37:18, 37:20-37:24, 37:26-37:34, 38:20, 39:42, 44:82	1			w								
*35:127												
*37:13	1			w					9			
*40:28, 51:04, 51:46, 51:56:01-51:56:02	1			4					9			
*40:30, 40:34			3	4								12
*44:153	1		3			6		8			11	
*55:14	1	2	3						9		11	
*58:14	1	2	3								11	
*58:36	1											
<i>C*06:72</i>		2				5						
<i>C*07:239</i>												
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 57:58 alleles

Well ⁷												
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	200		240	150		100	295	PCR product(s)
							485					
800	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	Length of int. pos. control ¹
209	103	361	256	362	97	362	209	352	200	209	757	5'-primer(s) ²
5'-ggC ^{3'}	5'-CCT ^{3'}	5'-AgT ^{3'}	5'-ACg ^{3'}	5'-ggT ^{3'}	5'-TCC ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-ACg ^{3'}	5'-TCg ^{3'}	5'-ggC ^{3'}	5'-CCA ^{3'}	
	446	392	362		130		362	392			878	
	5'-CgA ^{3'}	5'-CgA ^{3'}	5'-ggT ^{3'}		5'-AgT ^{3'}		5'-ggT ^{3'}	5'-CgA ^{3'}			5'-gCA ^{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	409			268		
	5'-TCA ^{3'}	5'-ggT ^{3'}	5'-gTA ^{3'}	5'-CCT ^{3'}		5'-Cgg ^{3'}	5'-ATA ^{3'}			5'-gTg ^{3'}		
				537			559					
				5'-Agg ^{3'}			5'-CgT ^{3'}					
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele ⁴
13												*57:01:01-57:01:04, 57:01:06-57:01:13, 57:38, 57:44, 57:48, 57:50, 57:54, 57:56, 57:58
13												*57:01:05, 57:47
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	200		240	150		100	295	PCR product(s)
							485					
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

	195	145	160	210	200		240	150		100	295	PCR product(s)
							485					
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
		15										*07:120, 14:01:01-14:04, 14:07N, 14:09, 14:11-14:12, 14:14-14:23, 14:25-14:32, 58:06 *07:137
												*08:49, 13:01:01-13:01:06, 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, 13:43, 13:50-13:52, 13:57, 15:20, 18:22, 18:69, 27:19, 27:30, 35:01:01:01-35:01:31, 35:03:01-35:03:11, 35:07-35:08:05, 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, 35:152-35:153, 35:155-35:156, 35:158-35:161, 35:163-35:166, 35:168-35:171, 35:173N, 35:175-35:181, 35:186-35:187, 35:189-35:198, 35:200, 35:202-35:204, 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, 44:107-44:134, 44:136-44:137, 44:139-44:145, 44:147-44:149N, 44:151-44:152, 44:154-44:155, 46:33, 48:02:01-48:02:02, 51:42, 53:01:01-53:05, 53:07, 53:09-53:13, 53:15-53:18, 53:20-53:27, 56:09, 56:11, 58:01:01-58:01:02, 58:01:04-58:01:11, 58:04-58:05, 58:09-58:13, 58:15, 58:17N, 58:21-58:24, 58:29-58:35, 58:37, 83:01, C*03:102
												*08:60, 13:21, 35:09:01-35:09:03, 35:18, 35:88, 37:12, 40:04, 40:64, 40:68, 40:129, 40:137, 40:160, 42:13, C*15:24
												*08:76, 37:01:08, 40:99, 48:17, C*05:10
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	200		240	150		100	295	PCR product(s)
							485					
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
							20					*13:10, 15:31, 15:55, C*01:73

