

INTERPRETATION TABLE												
HLA-B*56 SSP subtyping												
Amplification patterns of the B*56:01 to B*56:38N alleles												
	Well ¹⁰											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180
Length of int.	800	1070	1070	800	1070	800	800	1070	800	800	800	800
pos. control ¹												
5'-primer ²	379	41	420	355	48	141	142	41	206	355	357	420
	5'-ACC ³	5'-CTg ³	5'-TTA ³	5'-CCC ³	5'-gCC ³	5'-ATT ³	5'-TCg ³	5'-CTg ³	5'-AgA ³	5'-TCA ³	5'-Tgg ³	5'-TTA ³
						419	357		419			
						5'-gTC ³	5'-Tgg ³		5'-gTC ³			
3'-primer(s) ³	463	272	559	420	165	204	272	269	309	463	420	527
	5'-gCT ³	5'-TgT ³	5'-Cag ³	5'-gCT ³	5'-Tgg ³	5'-TCT ³	5'-TgC ³	5'-ACT ³	5'-gTg ³	5'-gCT ³	5'-gCT ³	5'-CCT ³
	463	277	564			527	435		583			559
	5'-gCT ³	5'-ggC ³	5'-ACT ³			5'-CCT ³	5'-TCT ³		5'-gTg ³			5'-CgT ³
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele ⁴												
*56:01:01-56:01:04, 56:34-56:35	1	2	3								11	
*56:02	1	2	3	4								
*56:03		2			5							
*56:04		2	3	4								
*56:05:01		2				6	7					
*56:05:02		2					7					
*56:06		2					7					
*56:07	1	2	3						9		11	
*56:08	1	2	3					8			11	
*56:09, 35:78 ⁵	1	2								10		
*56:10	1	2		4								12
*56:11	1	2								10		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

[illegible]

*08:03, 08:52, 08:78, 40:13, 40:19, 40:109, 40:117, 48:18, 51:10, 51:81, 58:27, 59:02, A*24:146												
*08:49, 14:10, 15:02:01-15:02:06, 15:13:01- 15:13:02, 15:25:01-15:25:03, 15:36, 15:77, 15:88-15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 15:204, 15:213-15:214, 15:240, 15:250, 27:19, 27:30, 35:16-35:17, 35:61:01-35:61:02, 35:113, 35:125, 35:164-35:165N, 35:196, 35:208, 35:215, 37:01:01-37:01:03, 37:01:05- 37:01:07, 37:01:09, 37:03N-37:06, 37:08, 37:10-37:11, 37:13-37:34, 37:36-37:37, 38:20, 39:42, 44:03:01-44:05:04, 44:07, 44:13-44:14, 44:17, 44:25-44:26, 44:28:01- 44:30, 44:32, 44:35-44:39, 44:42-44:43:02, 44:45-44:46, 44:50-44:51, 44:56N-44:58N, 44:60-44:61N, 44:64:01-44:64:02, 44:69- 44:70, 44:75-44:76, 44:78-44:79, 44:81, 44:85, 44:88, 44:92, 44:94, 44:96, 44:98, 44:103, 44:105, 44:108N-44:111, 44:114- 44:115, 44:117, 44:120, 44:122, 44:124- 44:125, 44:128-44:129, 44:133-44:134, 44:136, 44:139, 44:141, 44:143-44:144, 44:146-44:147, 44:150, 44:153-44:155, 44:157, 44:159-44:161, 44:163-44:165, 51:42, 53:07, 57:01:01-57:01:04, 57:01:06- 57:01:14, 57:04, 57:06, 57:08, 57:10, 57:15- 57:16, 57:18-57:20, 57:23-57:25, 57:27, 57:29-57:30, 57:32-57:38, 57:40-57:41, 57:43-57:45, 57:48-57:50, 57:53-57:55, *08:87, 44:20, 44:41:01-44:41:02, 44:53, 44:99-44:100, 44:106, 44:138Q										10		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*13:01:01-13:01:06, 13:07N, 13:12-13:13, 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, 13:60-13:61, 13:63N, 15:20, 15:85, 35:01:01:01-35:01:36, 35:03:06, 35:07-35:08:06, 35:10, 35:14:01-35:15, 35:19-35:20:02, 35:23, 35:25, 35:27-35:30, 35:33, 35:40N-35:42:02, 35:45-35:50, 35:52, 35:54, 35:57, 35:62-35:63, 35:65Q, 35:69, 35:71, 35:77, 35:80, 35:90-35:92, 35:94, 35:96, 35:100-35:101:02, 35:103-35:105, 35:107-35:108:02, 35:110-35:112, 35:115-35:116, 35:120-35:124, 35:126, 35:130N-35:134N, 35:137-35:148, 35:157-35:159, 35:161, 35:166, 35:168, 35:170-35:171, 35:173N, 35:175-35:178, 35:180, 35:187, 35:189, 35:191-35:192, 35:194, 35:197, 35:200, 35:202-35:203, 35:206-35:207, 35:209-35:210, 35:212-35:214, 35:216N-35:219, 46:33, 48:02:01-48:02:03, 53:01:01-53:01:07, 53:03, 53:05, 53:09-53:13, 53:15-53:18, 53:20-53:27, 53:29, 58:01:01-58:01:02, 58:01:04-58:01:07, 58:01:09-58:01:12, 58:04, 58:11-58:15, 58:17N, 58:21-58:24, 58:29, 58:31N-58:33, 58:36-58:37	1									10		
*13:02:01-13:02:14, 13:08Q-13:09, 13:14-13:15, 13:18-13:19, 13:27, 13:30, 13:32-13:34, 13:37-13:38, 13:40-13:42, 13:44-13:45, 13:49N, 13:55-13:56N, 13:58, 45:03, 49:07	1										11	
*13:02:15, 13:04, 13:46-13:47, 13:59, 14:22, 15:34, 15:137, 15:222, 27:14, 35:05:01-35:05:02, 35:37, 35:66, 35:68:01-35:68:02, 35:72, 35:89, 35:97, 35:119, 45:02, 45:09, 49:05, 50:09, 53:14, 58:02, 58:07, 58:16, 58:18, 58:25-58:26, 58:38, 59:03, C*02:56, C*06:20, C*07:81, C*07:168	1											
*13:03, 46:11, 49:01:01-49:03, 49:06, 49:08-49:17, 49:19N-49:24, 50:01:01, 50:01:03-50:02, 50:05-50:08, 50:10-50:11, 50:13, 50:15, 50:18-50:19, 51:15, 59:04	1		3								11	
*13:06, 13:20	1									10		12
*13:11	1			4								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*13:16, 13:53, 15:42, 35:60, 46:18, 55:18, 55:34, 55:47, 59:01:01:01-59:01:01:02, 59:05	1										11	12
*13:31	1										11	w
*13:48	1		3								11	12
*13:54, 55:22, 55:41, 55:46	1	2									11	
*13:62, 51:01:08, 51:50, 51:54, 51:78:01-51:78:02, 51:90, 52:12, 52:20, 78:01:01-							7					
*15:03:01-15:03:03, 15:18:01-15:18:02, 15:18:04-15:18:05, 15:23, 15:29, 15:39:01-15:40, 15:61, 15:64:01-15:64:02, 15:72, 15:74, 15:98, 15:103, 15:108, 15:119, 15:127, 15:131-15:132, 15:134, 15:138, 15:153, 15:158, 15:161, 15:173, 15:176, 15:195, 15:197-15:198, 15:210, 15:220, 15:226N, 15:238, 15:242, 15:255, 15:263, 27:05:18. 39:63. 46:08. C*03:175						6						
*15:16:01-15:16:03, 15:67, 15:95, 15:254, 35:58, 49:04, 58:06	1					6						
*15:18:03				4		6						
*15:21, 15:44							7			10		
*15:58, 15:133, 15:229, 15:253, 35:205, 38:30, 39:32-39:33, 39:74, 51:13:01, 51:92, 52:14												
*15:62, 15:194, 35:11:01-35:11:02, 48:25, 53:08:01-53:08:02, 58:19	1					6				10		
*15:66, 15:189, 35:135, 38:28, 40:95, 51:01:15, 51:14, 51:63, 51:85, 51:97, 52:26, 78:07							7					
*15:69, 15:93, C*15:09, C*15:19, C*15:27, C*15:61						6						
*15:73			3	4								w
*15:80, 15:223, 57:22						6				10		
*15:86	1			4								12
*15:115, 18:57, 51:45						6			9			
*15:224				4								12
*18:01:01:01-18:01:13, 18:01:15-18:01:17, 18:02-18:09, 18:12-18:14, 18:17N-18:19, 18:23N-18:25, 18:27-18:29, 18:31-18:34, 18:37-18:40, 18:42-18:49, 18:51, 18:53-18:55, 18:59-18:60, 18:62-18:68, 18:70-18:83. 39:43									9			
*18:15						6			9			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*18:22, 35:190	1								9	10		
*18:30						w			9			

*18:52	1									9			
*18:69										9	10		
*27:77		2											
*35:02:01-35:02:05, 35:04:01-35:04:03, 35:34, 35:81, 35:83, 35:95, 35:129N, 35:154, 35:162, 35:172, 35:182-35:184, 35:211, 35:220, 40:28	1										10		
*35:03:01-35:03:05, 35:03:07-35:03:12, 35:06, 35:13, 35:36, 35:38, 35:55-35:56, 35:70, 35:74, 35:84, 35:98, 35:106, 35:109, 35:128, 35:136, 35:150, 35:152-35:153, 35:155-35:156, 35:160, 35:163, 35:167, 35:169, 35:181, 35:193, 35:195, 35:198, 35:204. 53:04. 58:34	1										10		
*35:11:03	1					w					10		
*35:12:01-35:12:03, 35:39, 35:149, 35:201, 44:62, 44:77, 44:82, 44:107, 44:123, 57:12, 57:28N											10		
*35:21, 53:06, 53:28	1					6				9	10		
*35:24:01-35:24:02, 53:02, 58:09	1									9	10		
*35:26, 35:82	1						7				10		
*35:35, 35:93, 58:05, 58:35	1										10		
*35:59, 35:179											10		
*35:75, 35:127, 35:151	1												
*35:76	1	2									10		
*35:85	1						7				10		
*35:186	1							8			10		
*35:188	1					6				9	10		
*37:01:04											10		
*37:35, 57:26											10		
*39:17				4									
*40:10:02					5								
*40:48				4									
*40:71			3	4									
*40:149, 41:22													
*40:166		?											
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*44:02:01:01-44:02:26, 44:06, 44:08-44:09, 44:11-44:12, 44:16, 44:19N, 44:21-44:24, 44:27:01-44:27:02, 44:33-44:34:02, 44:49, 44:52N, 44:55, 44:59:01-44:59:02, 44:63, 44:66-44:68, 44:71-44:74, 44:80, 44:83-44:84, 44:86-44:87, 44:89, 44:91, 44:93, 44:95, 44:97, 44:101-44:102, 44:104, 44:112-44:113, 44:116, 44:118-44:119, 44:121, 44:126:01-44:127, 44:131-44:132, 44:137, 44:142Q, 44:145, 44:148-44:149N, 44:151-44:152 44:162										10		
*44:10, 50:17	1		3							10		
*44:15, 44:18, 45:01, 45:04-45:05, 45:07, 45:11-45:14	1		3								11	
*44:40, 44:130, 44:156, 57:14									9	10		
*44:44									9	10		
*44:48	1									10		
*44:90		2								10		
*44:140			3							10		
*45:06	1		3								11	
*45:08, 45:10	1										11	
*46:03						w						
*49:18	1						7					
*49:25	1		3								11	
*50:01:02			3								11	
*50:04			3								11	
*50:12, 50:16	1		3									
*50:14	1						7					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*51:01:01-51:01:03, 51:01:05-51:01:07, 51:01:09-51:01:12, 51:01:14, 51:01:16- 51:01:17, 51:01:19-51:01:31, 51:01:33- 51:02:03, 51:02:05-51:03, 51:05, 51:07:01- 51:09:02, 51:11N-51:12, 51:18-51:20, 51:22- 51:23, 51:24:03-51:24:04, 51:26-51:30, 51:32-51:33, 51:35, 51:39-51:41N, 51:43- 51:44N, 51:48-51:49, 51:51-51:53, 51:55, 51:57-51:58, 51:60-51:61:02, 51:65-51:77, 51:79-51:80, 51:83-51:84, 51:86-51:89, 51:91, 51:94-51:96, 51:98N-51:100, 51:102- 51:105, 51:107-51:134, 51:136-51:138, 51:140-51:142, 51:145-51:147, 52:01:01:01- 52:01:04, 52:01:06-52:01:14, 52:01:16- 52:07, 52:09-52:11, 52:13, 52:15-52:19, 52:21-52:24, 52:27-52:31, 58:08:01-58:08:02							7					
*51:01:04, 51:01:13, 51:02:04, 51:06:01- 51:06:02, 51:24:01-51:24:02, 51:38, 51:59, 51:64, 51:148, 52:01:05, 52:01:15												
*51:01:18							7					
*51:01:32, 51:16-51:17, 51:21, 51:31, 51:34, 51:36, 51:82, 51:93, 51:101, 51:143-51:144, 52:08							7					
*51:04, 51:46, 51:139, 57:02:01-57:03:02, 57:07, 57:09, 57:17, 57:39, 57:42, 57:46, 57:57										10		
*51:13:02							7					
*51:37						6	7		9			
*51:56:01-51:56:02, 53:19, 57:05, 58:28	1									10		
*51:62			3	4								12
*51:106			3				7					12
*52:25			3								11	12
*54:01:01, 54:01:03-54:02, 54:05N, 54:08N, 54:10, 54:12-54:13, 54:17-54:20, 54:22- 54:23, 54:25, 54:27-54:28	1	2									11	12
*54:01:02, 55:35	1	2			5						11	12
*54:03	1	2	3								11	
*54:04, 54:15	1	2										
*54:06, 54:11		2										
*54:07, 54:24	1										11	12
*54:09		2										
*54:14	1	2										
*54:16, 54:26	1	2									11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	125	400	180	105	285	105	120	395	145	150	105	150
PCR product(s)						150	170		205			180

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*54:21	1	2									11	12
*55:01:01-55:01:03, 55:01:05, 55:01:08-55:02:03, 55:02:05-55:03, 55:05, 55:07, 55:09, 55:11-55:12, 55:15-55:16, 55:19, 55:21, 55:24-55:26, 55:29-55:31, 55:33, 55:36-55:37, 55:40, 55:43, 55:45, 55:48, 55:50, 55:52, 55:54-55:55N, 55:57	1	2									11	12
*55:01:04	1	2					7					12
*55:01:06, 55:02:04		2									11	12
*55:01:07, 55:39, 55:42, 55:44, 55:53	1	2										12
*55:04, 55:17, 55:20, 55:49, 81:01		2										
*55:08, 55:51		2										
*55:10	1	2									11	12
*55:13, 55:27-55:28, 55:32	1	2										
*55:14		2				6				10		
*55:23	1	2										
*55:38		2									11	12
*55:56	1	2									11	12
*57:58										10		
*58:01:08	1									10		
*81:03-81:04N, 81:06		?										
*82:01-82:03	1	2	3	4								
*83:01		2								10		
A*02:339, C*03:12, C*03:19, C*15:26												
C*02:06, C*02:47, C*07:289, C*12:15, C*15:37, C*15:58				4								
C*03:102										10		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE												
HLA-B*56 SSP subtyping												
Amplification patterns of the B*56:01 to B*56:38N alleles												
Well ¹⁰												
13	14	15	16	17	18	19	20	21	22	23	24	
70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)
1070	800	1070	800	1070	800	800	1070	1070	800	1070	1070	Length of int.
												pos. control ¹
420	379	41	144	166	15	206	1 st I	206	144	420	317	5'-primer ²
5'-TTC ^{3'}	5'-ACg ^{3'}	5'-CTg ^{3'}	5'-ACC ^{3'}	5'-CgT ^{3'}	5'-gCA ^{3'}	5'-AgA ^{3'}	5'-Cag ^{3'}	5'-AgA ^{3'}	5'-ACC ^{3'}	5'-TTA ^{3'}	5'-gCT ^{3'}	
420		420	418	419		419			206	701		
5'-TTC ^{3'}		5'-TTA ^{3'}	5'-Agg ^{3'}	5'-gTA ^{3'}		5'-gTT ^{3'}			5'-gAC ^{3'}	5'-CCT ^{3'}		
530									419			
5'-ggT ^{3'}									5'-gTC ^{3'}			
559	420	252	272	204	142	239	175	277	272	463	412	3'-primer(s) ³
5'-Cag ^{3'}	5'-gCT ^{3'}	5'-TCT ^{3'}	5'-TgT ^{3'}	5'-TCT ^{3'}	5'-TgA ^{3'}	5'-gCT ^{3'}	5'-CCg ^{3'}	5'-ggC ^{3'}	5'-TgT ^{3'}	5'-gCg ^{3'}	5'-gTT ^{3'}	
		538	538	559		564		335	559	916		
		5'-gTC ^{3'}	5'-gTC ^{3'}	5'-Cag ^{3'}		5'-ACT ^{3'}		5'-CgT ^{3'}	5'-CgT ^{3'}	5'-gAT ^{3'}		
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele ⁴
												*56:01:01-56:01:04, 56:34-56:35
												*56:02
												*56:03
14												*56:04
				17								*56:05:01
				17								*56:05:02
				17					22			*56:06
												*56:07
												*56:08
												*56:09, 35:78 ⁵
												*56:10
13												*56:11
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

													*56:12
		15											*56:13, 56:28N ⁷
													*56:14
				17									*56:15
					18								*56:16
								21					*56:17, 56:26 ⁸
									22				*56:18, 07:65 ⁶
						19							*56:19N, 56:29 ⁹
										23			*56:20:01-56:20:02
				17								24	*56:21
13													*56:22
								21					*56:23
										23			*56:24
													*56:25, 56:37
		14											*56:27
13													*56:30
									22				*56:31
									22				*56:32
													*56:33
			16						22				*56:36
				17									*56:38N
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180		380		180		185		170	175	350		PCR product(s)	
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70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.
70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.
70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.

70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.

70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.
70	80	160	160	80	295	75	215	110	105	85	380	Length of spec.
180		380		180		185		170	175	350		PCR product(s)

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
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