

INTERPRETATION TABLE												
HLA-B*56 SSP subtyping												
Amplification patterns of the B*56:01 to B*56:32 alleles												
	Well ⁹											
	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	180
PCR product(s)						150	210		205			
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	357	41	206	355	357	420
	5'-ACC ³	5'-CTg ³	5'-TTA ³	5'-CCC ³	5'-gCC ³	5'-ATT ³	5'-Tgg ³	5'-CTg ³	5'-AgA ³	5'-TCA ³	5'-Tgg ³	5'-TTA ³
						419			419			
						5'-gTC ³			5'-gTC ³			
3'-primer(s) ³	463	272	559	420	165	204	435	269	309	463	420	559
	5'-gCT ³	5'-TgT ³	5'-CAG ³	5'-gCT ³	5'-Tgg ³	5'-TCT ³	5'-TCT ³	5'-ACT ³	5'-gTg ³	5'-gCT ³	5'-gCT ³	5'-CgT ³
	463	277	564			527	527		583			
	5'-gCT ³	5'-ggC ³	5'-ACT ³			5'-CCT ³	5'-CCT ³		5'-gTg ³			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele												
*56:01:01-56:01:04	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, *56:06 ⁴		2					7					
*56:07	1	2	3						9		11	
*56:08	1	2	3					8			11	
*56:09, 35:76, 35:78 ⁵	1	2								10		
*56:10	1	2		4								12
*56:11	1	2								10		
*56:12		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	180
PCR product(s)						150	210		205			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*56:13, 56:28N ⁶	1	2	3								11	
*56:14	1		3					8			11	
*56:15	1	2										
*56:16	1	2	3								11	
*56:17, 56:26 ⁷	1	2	3								11	
*56:18		2										
*56:19N, 56:29 ⁸	1	2	3								11	
*56:20:01-56:20:02		2	3								11	
*56:21		2					7					
*56:22	1	2										
*56:23	1	2									11	12
*56:24	1	2	3								11	
*56:25	1	2	3				7				11	
*56:27		2	3								11	
*56:30	1	2	3								11	
*56:31		2							9			
*56:32		2				6						
*07:02:19, 15:01:04, 40:94												
*07:09, 07:11, 15:47, 15:49, 15:65, 15:221, 18:21, 35:99, 57:13						w						
*07:20, 07:24, 07:60, 07:100, 07:131, 08:21, 08:25, 15:09-15:10:02, 15:30, 15:37, 15:45, 15:48, 15:63, 15:90, 15:99, 15:150, 27:76, 35:09:01-35:09:02, 35:18, 35:22, 35:44, 40:05, 40:26, 40:63, 40:92, 41:17, C*03:81												
*07:37												
*07:65, 55:04, 55:20, 55:49, 81:01		2										
*07:78							w				11	
*07:84, 40:161							w					
*08:02, 15:38:01-15:38:02, 15:185, 18:36, 18:50, 27:01, 38:02:01-38:04, 38:08, 38:15, 38:18, 38:23, 38:29, 38:35									9			
*08:03, 08:52, 40:13, 40:19, 40:109, 40:117, 48:18, 51:10, 51:81, 58:27, 59:02, A*24:146												
*08:37, 15:50, 15:186, 15:199, 18:11, 39:07, 42:09, 46:21:01-46:21:02, C*07:123, C*07:173, C*16:20												
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	180
PCR product(s)						150	210		205			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*08:49, 14:10, 15:02:01-15:02:05, 15:13:01-15:13:02, 15:21, 15:25:01-15:25:03, 15:36, 15:44, 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, 27:19, 27:30, 35:16-35:17, 35:61, 35:113, 35:125, 35:164-35:165N, 37:01:01-37:01:03, 37:01:05-37:01:07, 37:03N-37:06, 37:08, 37:10-37:11, 37:13-37:31, 38:20, 39:42, 44:03:01-44:05:03, 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, 51:42, 53:07, 57:01:01-57:01:04, 57:01:06-57:01:11, 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-										10		
*13:01:01-13:01:06, 13:07N, 13:12-13:13, 13:17, 13:20, 13:22:01-13:23, 13:25-13:26, 13:28-13:29, 13:36, 13:39, 13:43, 13:50, 15:20, 15:85, 35:01:01:01-35:01:29, 35:03:06, 35:07-35:08:04, 35:10, 35:14:01-35:15, 35:19-35:20:02, 35:23, 35:25-35:30, 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, 35:82, 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, 48:02:01-48:02:02, 53:01:01-53:01:05, 53:03, 53:05, 53:09-53:13, 53:15-53:18, 53:20-53:26, 58:01:01-58:01:02, 58:01:04-58:01:07, 58:01:09, 58:04, 58:11-58:15,	1									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	180
PCR product(s)						150	210		205			

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*13:02:01-13:02:12, 13:08Q-13:09, 13:14-13:15, 13:18-13:19, 13:27, 13:30-13:34, 13:37-13:38, 13:40-13:42, 13:44-13:45, 13:49N, 45:03	1										11	
*13:03, 46:11, 49:01:02, 49:11, 51:15, 59:04	1		3								11	
*13:04, 13:46-13:47, 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, 53:14, 58:02, 58:07, 58:16, 58:18, 58:25-58:26, 59:03, C*06:20, C*07:81, C*07:168	1											
*13:06	1									10		12
*13:11	1			4								
*13:16, 49:07	1						7				11	
*13:48, 49:01:01, 49:01:03-49:03, 49:06, 49:08-49:10, 49:12-49:17, 49:19N-49:20, 50:01:01, 50:02, 50:05-50:08, 50:10-50:11, 50:13	1		3				7				11	
*14:07N, 39:40N												
*15:03:01-15:03:03, 15:18:01-15:18:02, 15:18:04, 15:23, 15:29, 15:39:01-15:40, 15:61, 15:64, 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, 39:63, 46:08						6						
*15:16:01-15:16:03, 15:67, 15:95, 49:04	1					6	7					
*15:18:03				4		6						
*15:42	1						7				11	12
*15:58, 15:133, 15:229, 38:30, 39:32-39:33												
*15:62, 15:194, 35:11:01-35:11:02, 48:25, 53:08:01-53:08:02, 58:19	1					6				10		
*15:69, 15:93, C*15:09, C*15:19-15:20, C*15:27						6						
*15:73, 40:71, 51:62			3	4								
*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
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	180
PCR product(s)						150	210		205			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*18:01:01-18:01:13, 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, 18:62-18:66, 39:43									9			
*18:15						6			9			
*18:22	1								9	10		
*18:30						w			9			
*18:52	1								9			
*27:77		2										
*35:02:01-35:02:04, 35:04:01-35:04:03, 35:34, 35:81, 35:83, 35:95, 35:129N, 35:154, 35:162, 35:172, 40:28	1									10		
*35:03:01-35:03:05, 35:03:07-35:03:10, 35:06, 35:13, 35:36, 35:38, 35:55-35:56, 35:70, 35:74, 35:84-35:85, 35:98, 35:106, 35:109, 35:128, 35:136, 35:150, 35:152-35:153, 35:155-35:156, 35:160, 35:163, 35:169, 53:04, 58:34	1									10		
*35:12:01-35:12:03, 35:39, 35:149, 44:62, 44:77, 44:82, 44:107, 44:123, 57:12, 57:28N										10		
*35:21, 53:06	1					6			9	10		
*35:24:01-35:24:02, 53:02, 58:09	1								9	10		
*35:35, 35:93, 58:05	1									10		
*35:58, 58:06	1					6						
*35:59										10		
*35:60, 46:18, 55:18, 55:34, 55:47, 59:01:01:01-59:01:01:02, 59:05	1										11	12
*35:75, 35:127, 35:151	1											
*37:01:04										10		
*39:17				4								w
*40:48				4								
*40:95, 40:148, 51:01:15, 51:14, 51:63, 51:85, 51:97, 52:26, 78:07							7					
*40:149												
*40:166, 81:03-81:04N		?										
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	180
PCR product(s)						150	210		205			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*44:02:01:01-44:02:21, 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, 44:49, 44:52N, 44:55, 44:59, 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, 44:126-44:127, 44:131-44:132									10			
*44:10	1		3						10			
*44:15, 44:18, 45:01, 45:04-45:07, 45:11-45:13	1		3							11		
*44:20, 44:41:01-44:41:02, 44:53, 44:99-44:100, 44:106												
*44:40, 44:130, 57:14									9	10		
*44:44									9	10		
*44:48	1									10		
*44:90, 83:01		2								10		
*45:08	1										11	w
*45:10	1										11	
*46:03						w						
*49:05, 50:09	1						7					
*49:18	1						7					
*50:01:02, 52:25			3				7				11	
*50:01:03	1		3				w				11	
*50:04			3				7				11	
*50:12	1		3									
*50:14	1						7					
*51:01:01-51:01:07, 51:01:09-51:01:14, 51:01:16-51:01:17, 51:01:19-51:03, 51:05, 51:07:01-51:09:02, 51:11N-51:12, 51:18-51:20, 51:22-51:24:04, 51:26-51:30, 51:32-51:33, 51:35, 51:38-51:41N, 51:43-51:44N, 51:48-51:49, 51:51-51:53, 51:55, 51:57-51:58, 51:60-51:61, 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, 51:107-51:122, 52:01:01:01-52:07, 52:09-52:11, 52:13, 52:15-52:19, 52:21-52:24, 58:08:01-58:08:02							7					
*51:01:08, 51:50, 51:54, 51:78, 51:90, 52:12, 52:20, 78:01:01-78:06							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	180
PCR product(s)						150	210		205			

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*51:01:18							7					
*51:04, 51:46, 57:02:01-57:03:02, 57:07, 57:09, 57:17, 57:39, 57:42, 57:46										10		
*51:06:01-51:06:02, 51:59, 51:64												
*51:13:01-51:13:02, 51:92, 52:14							7					
*51:16-51:17, 51:21, 51:31, 51:34, 51:36, 51:82, 51:93, 51:101, 52:08							7					
*51:37						6	7		9			
*51:56:01-51:56:02, 53:19, 57:05, 58:28	1									10		
*51:106			3				7					
*54:01:01, 54:02, 54:05N, 54:08N, 54:10, 54:12-54:13, 54:17-54:19, 54:22-54:23	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	1	2									11	
*54:20	1	2					w				11	12
*54:21	1	2									11	12
*55:01:01-55:01:03, 55:01:05, 55:03, 55:05, 55:11, 55:15, 55:25, 55:29, 55:31, 55:33, 55:36, 55:40, 55:45	1	2					7				11	12
*55:01:04, 55:44, 55:53	1	2					7					12
*55:01:06		2					7				11	12
*55:01:07, 55:39, 55:42	1	2										12
*55:02:01-55:02:03, 55:02:05-55:02:06, 55:07, 55:12, 55:16, 55:19, 55:21, 55:26, 55:30, 55:37, 55:43, 55:48, 55:50	1	2									11	12
*55:02:04		2									11	12
*55:08, 55:51		2										
*55:09	1	2					w				11	
*55:10	1	2									11	12
*55:13, 55:27, 55:32	1	2										
*55:14		2				6				10		
*55:17		2					7					
*55:22, 55:46	1	2									11	
*55:23	1	2										
*55:24	1	2					7				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	180
PCR product(s)						150	210		205			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*55:28	1	2					7					
*55:38		2					7				11	12

*55:41	1	2									11	w
*55:52	1	2					w				11	12
*57:26										10		
*58:01:08	1									10		
*82:01-82:03	1	2	3	4								
<i>C*02:06, C*02:47, C*12:15, C*15:37</i>				4								
<i>C*03:12, C*03:19, C*15:26</i>												
<i>C*03:102</i>										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*56:32 alleles												
Well ⁹												
13	14	15	16	17	18	19	20	21	22	23	24	
70	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
180		380				185		170		350		PCR product(s)
1070	1070	1070	1070	1070	800	800	1070	1070	1070	1070	1070	Length of int.
												pos. control ¹
420	379	41	418	419	15	206	1 st I	206	419	420	317	5'-primer ²
5'-TTC ^{3'}	5'-ACg ^{3'}	5'-CTg ^{3'}	5'-Agg ^{3'}	5'-gTA ^{3'}	5'-gCA ^{3'}	5'-AgA ^{3'}	5'-Cag ^{3'}	5'-AgA ^{3'}	5'-gTC ^{3'}	5'-TTA ^{3'}	5'-gCT ^{3'}	
420		420				419				701		
5'-TTC ^{3'}		5'-TTA ^{3'}				5'-gTT ^{3'}				5'-CCT ^{3'}		
530												
5'-ggT ^{3'}												
559	420	252	538	559	142	239	175	277	559	463	412	3'-primer(s) ³
5'-Cag ^{3'}	5'-gCT ^{3'}	5'-TCT ^{3'}	5'-gTC ^{3'}	5'-Cag ^{3'}	5'-TgA ^{3'}	5'-gCT ^{3'}	5'-CCg ^{3'}	5'-ggC ^{3'}	5'-CgT ^{3'}	5'-gCg ^{3'}	5'-gTT ^{3'}	
		538				564		335		916		
		5'-gTC ^{3'}				5'-ACT ^{3'}		5'-CgT ^{3'}		5'-gAT ^{3'}		
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele
												*56:01:01-56:01:04
												*56:02
												*56:03
	14											*56:04
				17								*56:05:01
				17								*56:05:02, *56:06 ⁴
												*56:07
												*56:08
												*56:09, 35:76, 35:78 ⁵
												*56:10
13												*56:11
												*56:12
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
70	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
180		380				185		170		350		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

		15										*56:13, 56:28N ⁶
												*56:14
				17								*56:15
				18								*56:16
								21				*56:17, 56:26 ⁷
								22				*56:18
					19							*56:19N, 56:29 ⁸
									23			*56:20:01-56:20:02
13				17							24	*56:21
												*56:22
								21				*56:23
									23			*56:24
	14											*56:25
13												*56:27
												*56:30
								22				*56:31
								22				*56:32
							20					*07:02:19, 15:01:04, 40:94
												*07:09, 07:11, 15:47, 15:49, 15:65, 15:221, 18:21, 35:99, 57:13
				17								*07:20, 07:24, 07:60, 07:100, 07:131, 08:21, 08:25, 15:09-15:10:02, 15:30, 15:37, 15:45, 15:48, 15:63, 15:90, 15:99, 15:150, 27:76, 35:09:01-35:09:02, 35:18, 35:22, 35:44, 40:05, 40:26, 40:63, 40:92, 41:17, C*03:81
								21				*07:37
												*07:65, 55:04, 55:20, 55:49, 81:01
										23		*07:78
												*07:84, 40:161
												*08:02, 15:38:01-15:38:02, 15:185, 18:36, 18:50, 27:01, 38:02:01-38:04, 38:08, 38:15, 38:18, 38:23, 38:29, 38:35
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13	14	15	16	17	18	19	20	21	22	23	24	Well No

70	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
180		380				185		170		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	180	295	75	215	110	180	85	380	Length of spec.
180		380				185		170		350		PCR product(s)

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*13:02:01-13:02:12, 13:08Q-13:09, 13:14-13:15, 13:18-13:19, 13:27, 13:30-13:34, 13:37-13:38, 13:40-13:42, 13:44-13:45, 13:49N, 45:03
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.

70	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
180		380				185		170		350		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
									22			*18:01:01-18:01:13, 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, 18:62-18:66, 39:43
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									22			*18:22
									22			*18:30
									22			*18:52
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.

70	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
180		380				185		170		350		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
			16									*44:02:01:01-44:02:21, 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, 44:49, 44:52N, 44:55, 44:59, 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, 44:126-44:127, 44:131-44:132
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.
70	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
180		380				185		170		350		PCR product(s)

[illegible]

												*55:41
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	w											C*03:102
13	14	15	16	17	18	19	20	21	22	23	24	Well No.