

INTERPRETATION TABLE												
HLA-B*56 SSP subtyping												
Amplification patterns of the B*56:01 to B*56:29 alleles												
	Well ⁴											
	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							210					
Length of int.	800	1070	1070	800	1070	1070	800	1070	1070	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
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					
	5'-gCT ³	5'-ggC ³	5'-ACT ³				5'-CCT 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 ⁵		2					7					
*56:07	1	2	3						9		11	
*56:08	1	2	3					8			11	
*56:09, 35:76, 35:78 ⁶	1	2								10		
*56:10	1	2		4								12
*56:11	1	2								10		
*56:12		2								10		
*56:13, 56:28N ⁷	1	2	3								11	
*56:14	1		3					8			11	
*56:15	1	2										
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							210					

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*56:16	1	2	3								11	
*56:17, 56:26 ⁸	1	2	3								11	
*56:18		2										
*56:19N, 56:29 ⁹	1	2	3								11	
*56:20		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	
*07:02:19, 15:01:04, 40:94												
*07:20, 07:24, 07:60, 07:100, 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, 35:09:01-35:09:02, 35:18, 35:22, 35:44, 40:05, 40:26, 40:63, 40:92, C*03:81												
*07:37												
*07:65, 55:04, 55:20, 81:01		2										
*07:78							w				11	
*07:84							w					
*08:02, 15:115, 27:01, 38:02:01-38:04, 38:08, 38:15, 38:18, 38:23									9			
*08:03, 08:52, 40:13, 40:19, 40:109, 40:117, 48:18, 51:10, 51:81, 58:27, 59:02												
*08:37, 15:50, 15:69, 15:93, 15:186, 15:199, 18:01:01-18:09, 18:11-18:15, 18:17N-18:19, 18:23N-18:25, 18:27-18:34, 18:37-18:40, 18:42-18:49, 39:07, 39:43, 42:09, 46:03, 46:21, C*07:123, C*15:09, C*15:19-15:20, C*15:27, 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							210					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*08:49, 14:10, 15:02:01-15:02:04, 15:13, 15:21, 15:25:01-15:25:02, 15:36, 15:44, 15:77, 15:80, 15:88-15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 27:19, 27:30, 35:16-35:17, 35:61, 35:113, 35:125, 37:01:01-37:01:03, 37:01:05-37:01:07, 37:03N-37:06, 37:08, 37:10-37:11, 37:13-37:23, 38:20, 39:42, 44:03:01-44:05:02, 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, 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-44:110, 51:42, 53:07, 57:01:01-57:01:04, 57:01:06-57:01:08, 57:04, 57:06, 57:08, 57:10, 57:14-57:16, 57:18-57:20, 57:22-57:25, 57:27, 57:29-57:30, 57:32.												
*13:01:01-13:01:05, 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, 15:20, 15:62, 15:85, 15:194, 35:01:01-35:01:21, 35:07-35:08:04, 35:10-35:11:02, 35:14:01-35:15, 35:19-35:21, 35:23-35:30, 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, 35:137-35:145N, 48:02:01-48:02:02, 53:01:01-53:03, 53:05-53:06, 53:08:01-53:13, 53:15-53:18, 53:20-53:23, 58:01:01-58:01:02, 58:01:04-58:01:07, 58:04, 58:09, 58:11-58:15, 58:17N, 58:19, 58:21-58:24, *13:02:01-13:02:09, 13:08Q-13:09, 13:14-13:15, 13:18-13:19, 13:27, 13:30-13:34, 13:37-13:38, 45:03	1											
*13:03, 46:11, 49:01:02, 51:15, 59:04	1		3									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							210					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*13:04, 15:34, 15:137, 27:14, 35:05:01-35:05:02, 35:37, 35:58, 35:66, 35:68:01-35:68:02, 35:72, 35:89, 35:97, 35:119, 45:02, 45:09, 53:14, 58:02, 58:06-58:07, 58:16, 58:18, 58:25-58:26, 59:03, C*06:20, C*07:81	1											
*13:06	1									10		12
*13:11	1			4								
*13:16, 49:07	1						7				11	
*14:07N, 39:40N												
*15:16, 15:67, 15:95, 49:04-49:05, 50:09	1						7					
*15:18:03				4								
*15:42	1						7				11	12
*15:58, 15:133, 39:32-39:33												
*15:73, 40:71, 51:62			3	4								
*15:86	1			4								12
*18:22, 35:35, 35:93, 58:05	1									10		
*35:02:01-35:02:04, 35:04:01-35:04:03, 35:34, 35:81, 35:83, 35:95, 35:129N, 40:28	1									10		
*35:03:01-35:03:04, 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, 53:04	1									10		
*35:12:01-35:12:02, 35:39, 44:62, 44:77, 44:82, 44:107, 57:12, 57:28N										10		
*35:59										10		
*35:60, 46:18, 55:18, 55:34, 59:01, 59:05	1										11	12
*35:75, 35:127	1											
*37:01:04										10		
*39:17				4								w
*40:48				4								
*40:95, 51:01:15, 51:14, 51:37, 51:63, 51:85, 78:07							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							210					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

[illegible]

*54:01-54:02, 54:05N, 54:08N, 54:10, 54:12-54:13, 54:17-54:19, 54:22-54:23	1	2									11	12
*54:03	1	2	3								11	
*54:04, 54:15	1	2										
*54:06, 54:11		2										
*54:07	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	1	2					7				11	12
*55:01:04	1	2					7					12
*55:01:06		2					7				11	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, 55:41, 55:43	1	2									11	12
*55:02:04		2									11	12
*55:08		2										
*55:09	1	2					w				11	
*55:10	1	2									11	12
*55:13, 55:27, 55:32	1	2										
*55:14		2								10		
*55:17		2					7					
*55:22	1	2									11	
*55:23	1	2										
*55:24	1	2					7				11	
*55:28	1	2					7					
*55:35	1	2				5					11	12
*55:38		2					7				11	12
*55:39, 55:42	1	2										12
*57:26										10		
*81:03-81:04N		?										
*82:01-82:03	1	2	3	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	180
PCR product							210					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
C*02:06, C*12:15				4								
C*03:12, C*03:19, C*15:26												
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*56:29 alleles												
Well ⁴												
13	14	15	16	17	18	19	20	21	22	23	24	
180	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
		380				185		170		350		PCR product
1070	1070	1070	1070	800	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'}		
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 ⁵
												*56:07
												*56:08
												*56:09, 35:76, 35:78 ⁶
												*56:10
13												*56:11
												*56:12
		15										*56:13, 56:28N ⁷
				17								*56:14
												*56:15
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
180	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
		380				185		170		350		PCR product

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
					18							*56:16
								21				*56:17, 56:26 ⁸
									22			*56:18
						19						*56:19N, 56:29 ⁹
										23		*56:20
13				17							24	*56:21
												*56:22
								21				*56:23
										23		*56:24
												*56:25
	14											*56:27
							20					*07:02:19, 15:01:04, 40:94
				17								*07:20, 07:24, 07:60, 07:100, 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, 35:09:01-35:09:02, 35:18, 35:22, 35:44, 40:05, 40:26, 40:63, 40:92, C*03:81
								21				*07:37
												*07:65, 55:04, 55:20, 81:01
										23		*07:78
												*07:84
												*08:02, 15:115, 27:01, 38:02:01-38:04, 38:08, 38:15, 38:18, 38:23
											24	*08:03, 08:52, 40:13, 40:19, 40:109, 40:117, 48:18, 51:10, 51:81, 58:27, 59:02
									22			*08:37, 15:50, 15:69, 15:93, 15:186, 15:199, 18:01:01-18:09, 18:11-18:15, 18:17N-18:19, 18:23N-18:25, 18:27-18:34, 18:37-18:40, 18:42-18:49, 39:07, 39:43, 42:09, 46:03, 46:21, C*07:123, C*15:09, C*15:19-15:20, C*15:27, C*16:20
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
180	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
		380				185		170		350		PCR product
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

												*08:49, 14:10, 15:02:01-15:02:04, 15:13, 15:21, 15:25:01-15:25:02, 15:36, 15:44, 15:77, 15:80, 15:88-15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 27:19, 27:30, 35:16-35:17, 35:61, 35:113, 35:125, 37:01:01-37:01:03, 37:01:05-37:01:07, 37:03N-37:06, 37:08, 37:10-37:11, 37:13-37:23, 38:20, 39:42, 44:03:01-44:05:02, 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, 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-44:110, 51:42, 53:07, 57:01:01- 57:01:04, 57:01:06-57:01:08, 57:04, 57:06, 57:08, 57:10, 57:14-57:16, 57:18-57:20, 57:22-57:25, 57:27, 57:29-57:30, 57:32.
												*13:01:01-13:01:05, 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, 15:20, 15:62, 15:85, 15:194, 35:01:01-35:01:21, 35:07- 35:08:04, 35:10-35:11:02, 35:14:01-35:15, 35:19-35:21, 35:23-35:30, 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, 35:137-35:145N, 48:02:01-48:02:02, 53:01:01-53:03, 53:05-53:06, 53:08:01- 53:13, 53:15-53:18, 53:20-53:23, 58:01:01- 58:01:02, 58:01:04-58:01:07, 58:04, 58:09, 58:11-58:15, 58:17N, 58:19, 58:21-58:24,
												*13:02:01-13:02:09, 13:08Q-13:09, 13:14- 13:15, 13:18-13:19, 13:27, 13:30-13:34, 13:37-13:38, 45:03
												*13:03, 46:11, 49:01:02, 51:15, 59:04
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
180	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
		380				185		170		350		PCR product
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

												*13:04, 15:34, 15:137, 27:14, 35:05:01-35:05:02, 35:37, 35:58, 35:66, 35:68:01-35:68:02, 35:72, 35:89, 35:97, 35:119, 45:02, 45:09, 53:14, 58:02, 58:06-58:07, 58:16, 58:18, 58:25-58:26, 59:03, C*06:20, C*07:81
												*13:06
												*13:11
												*13:16, 49:07
					19							*14:07N, 39:40N
												*15:16, 15:67, 15:95, 49:04-49:05, 50:09
	14											*15:18:03
												*15:42
13												*15:58, 15:133, 39:32-39:33
	14											*15:73, 40:71, 51:62
												*15:86
								22				*18:22, 35:35, 35:93, 58:05
				17								*35:02:01-35:02:04, 35:04:01-35:04:03, 35:34, 35:81, 35:83, 35:95, 35:129N, 40:28
13												*35:03:01-35:03:04, 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, 53:04
				17								*35:12:01-35:12:02, 35:39, 44:62, 44:77, 44:82, 44:107, 57:12, 57:28N
13												*35:59
												*35:60, 46:18, 55:18, 55:34, 59:01, 59:05
13												*35:75, 35:127
						20						*37:01:04
	14											*39:17
	14								23			*40:48
												*40:95, 51:01:15, 51:14, 51:37, 51:63, 51:85, 78:07
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
180	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
		380				185		170		350		PCR product
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

			16										*44:02:01:01-44:02:13, 44:06, 44:08-44:09, 44:11-44:12, 44:16, 44:19N, 44:21-44:24, 44:27, 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
													*44:10
		15											*44:15, 44:18, 45:01, 45:04-45:07, 45:11-45:12
			16										*44:20, 44:41, 44:53, 44:99-44:100, 44:106
													*44:40
			16										*44:44
			16										*44:48
			16										*44:90, 83:01
		15											*45:08
		15											*45:10
													*49:01:01, 49:02-49:03, 49:06, 49:08-49:10, 50:01:01, 50:02, 50:05-50:08
													*50:01:02
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				17							24		*51:01:01-51:01:07, 51:01:09-51:01:14, 51:01:16-51:03, 51:05, 51:07:01-51:09:02, 51:11N-51:12, 51:18-51:20, 51:22-51:24:03, 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, 52:01:01-52:07, 52:09-52:11, 52:13, 52:15-52:19, 52:21, 58:08
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180	80	160	160	180	295	75	215	110	180	85	380		Length of spec.
		380				185		170		350			PCR product
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.
180	80	160	160	180	295	75	215	110	180	85	380	Length of spec.
		380				185		170		350		PCR product
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												C*02:06, C*12:15
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