

INTERPRETATION TABLE												
HLA-B*37 SSP subtyping												
Amplification patterns of the HLA-B*37:01 to *37:29 alleles												
	Well ⁵											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	210	95	200	200	210	145	135	120	80	110	95	205
PCR product(s)		135	235	255					215	145	215	
Length of int.	800	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
pos. control ¹												
5'-primer(s) ²	368	206	142	368	142	206	206	527	126	206	363	97
	5'-gTC ^{3'}	5'-AgA ^{3'}	5'-TCT ^{3'}	5'-gTC ^{3'}	5'-TCT ^{3'}	5'-gAA ^{3'}	5'-gAA ^{3'}	5'-TgA ^{3'}	5'-ggA ^{3'}	5'-gAC ^{3'}	5'-AgC ^{3'}	5'-TCC ^{3'}
		363	368			206			261		483	
		5'-AAT ^{3'}	5'-gTC ^{3'}			5'-gAC ^{3'}			5'-AAC ^{3'}		5'-gAA ^{3'}	
3'-primer(s) ³	538	301	337	527	311	311	301	605	301	275	538	259
	5'-gTC ^{3'}	5'-gTC ^{3'}	5'-CTA ^{3'}	5'-CCT ^{3'}	5'-ggg ^{3'}	5'-ggT ^{3'}	5'-gTC ^{3'}	5'-gCT ^{3'}	5'-gTC ^{3'}	5'-TCA ^{3'}	5'-gTC ^{3'}	5'-CTC ^{3'}
		418	527	583	311					311		259
		5'-gTC ^{3'}	5'-CCT ^{3'}	5'-gTg ^{3'}	5'-ggg ^{3'}					5'-ggT ^{3'}		5'-CTC ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele												
*37:01:01-37:01:07	1				5							12
*37:02		2			5							12
*37:03N	1		3		5							12
*37:04:01-37:04:02	1			4	5							12
*37:05	1					6						12
*37:06	1				5		7					12
*37:07					5			8				12
*37:08	1				5				9			
*37:09					5						11	12
*37:10	1											12
*37:11	1					6						12
*37:12					5							12
*37:13	1		3	4	5							12
*37:14	1					w				10		12
*37:15	1				5							12
*37:16Q	1				5							12
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	210	95	200	200	210	145	135	120	80	110	95	205
PCR product(s)		135	235	255					215	145	215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*37:17	1				5							12
*37:18	1				5						11	12
*37:19					5							12
*37:20	1				5							12
*37:21	1				5							12
*37:22	1								9			12
*37:23	1				5							12
*37:24, 37:27 ⁴	1				5							12
*37:25	1				5							12
*37:26	1				5					10		12
*37:28	1	2			5							12
*37:29	1				5							12
*07:02:01-07:03, 07:05:01-07:18:02, 07:20-07:24, 07:26, 07:28-07:32, 07:34- 07:39, 07:41-07:47, 07:49N-07:50, 07:52, 07:54-07:59, 07:61-07:64, 07:66- 07:99, 07:101-07:121, 07:123-07:130, 15:138, 48:05, 48:08, 48:15, C*02:23, C*04:77								8				
*07:04								8			11	
*07:19, 07:25, 08:01:01-08:05, 08:07- 08:08N, 08:10-08:11, 08:15, 08:17- 08:19N, 08:21-08:24, 08:26-08:27, 08:29-08:31, 08:33-08:39, 08:41-08:48, 08:50-08:54, 08:56-08:59, 08:61, 08:63- 08:69, 42:01:01-42:01:02, 42:05:01- 42:08, 42:10-42:12, 42:14-42:16											11	
*07:27		2			5			8	9			
*07:65						6		8				
*08:09, 08:12:01-08:12:03, 08:16, 08:60, 15:51, 15:83, 15:179, 15:199, 15:218Q, 38:30, 42:04, 42:13, 44:14, 44:17, 44:51, 44:62, 44:123, 51:08, 51:20, 51:36, 51:44N, 51:97, 52:19, 53:22, 55:20, 56:13, 57:09, 57:24, 82:01- 82:03												
*08:14, 08:28, 44:106											11	
*08:32, 35:87						6					11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	210	95	200	200	210	145	135	120	80	110	95	205
PCR product(s)		135	235	255					215	145	215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*08:49, C*07:68	1											
*08:62											11	
*13:23, 40:47, 40:96, 40:157, 44:15, 44:55, 44:103, 49:02												12
*14:10, 38:20, 39:42, 44:117, 51:32												
*15:46, 15:53, 15:106, 15:143, 18:49, 35:03:03, 35:19, 35:27, 35:47, 35:56, 35:154, 40:10:01-40:10:02, 40:40, 40:49, 40:58, 40:129, 40:164, 44:09, 44:46, 44:75, 44:90, 44:129, 47:02, 50:13, 78:06						6						
*15:71, 15:175, 15:204, 15:210, 27:33, 40:46, 40:93, 48:22, 50:06												12
*15:202, 18:01:13, 18:04, 18:25, 18:43, 35:01:01:01-35:02:02, 35:02:04- 35:03:02, 35:03:04-35:08:01, 35:08:03- 35:18, 35:20:01-35:24:02, 35:28-35:37, 35:39-35:45, 35:48, 35:51, 35:53N- 35:55, 35:57-35:58, 35:60-35:62, 35:64- 35:72, 35:74-35:83, 35:85-35:86, 35:88- 35:114, 35:116-35:153, 35:155-35:161, 35:163, 39:19:01-39:19:02, 56:06, 78:01:01-78:05, 78:07						6						
*15:212, 35:63, 40:01:01-40:01:04, 40:01:06-40:06:03, 40:09, 40:11:01- 40:11:02, 40:14:01-40:14:03, 40:18, 40:20, 40:22N, 40:24, 40:26-40:31, 40:33-40:36, 40:38-40:39, 40:42-40:45, 40:48, 40:50-40:57, 40:59-40:67, 40:70- 40:75, 40:77-40:92, 40:94-40:95, 40:97, 40:99-40:105, 40:107-40:108, 40:111- 40:116, 40:118N-40:128, 40:130- 40:134, 40:138-40:151, 40:154-40:156, 40:159-40:161, 40:163, 45:01-45:02, 45:04-45:08, 45:10-45:13, 50:01:01- 50:02, 50:04-50:05, 50:07-50:12						6						12
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	210	95	200	200	210	145	135	120	80	110	95	205

PCR product(s)		135	235	255					215	145	215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*18:01:01-18:01:12, 18:02-18:03, 18:05-18:06, 18:08, 18:10-18:11, 18:13-18:15, 18:17N, 18:19-18:24, 18:26-18:28, 18:30-18:36, 18:38-18:42, 18:44-18:47, 18:50-18:53, 18:55, 18:57-18:63						6						
*18:07:01-18:07:02, 18:29, 35:50, 35:84, 35:162						6						
*18:09												
*18:12						6						12
*18:18				4		6						
*18:37, 39:31, 46:14, 54:02, 55:16, 73:01-73:02												
*18:48, 40:25, 40:69						6						
*18:54					5				9			
*18:56						6						
*27:01		2										12
*27:02:01-27:05:16, 27:07, 27:09-27:10, 27:13-27:17, 27:19, 27:25, 27:27-27:29, 27:31-27:32, 27:34-27:36, 27:38-27:39, 27:41-27:43, 27:45-27:56, 27:58-27:68, 27:70-27:80		2										12
*27:06, 27:11, 27:20-27:21, 27:24, 27:30, 40:19, 40:76, 40:109, 40:117, 44:18, 49:01:01-49:01:03, 49:03-49:09, 49:11-49:17												12
*27:08, 27:12, 27:18, 27:26, 27:40, 27:44		2										12
*27:23		2										
*27:37, 47:04		2										
*27:57		2										12
*27:69		2										12
*35:02:03						6						
*35:38, 35:115						6						
*35:52						6						
*35:59						6						
*38:17		2			5				9			
*40:01:05, 40:37, 40:135						6						12
*40:07, 40:162						6						12
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	210	95	200	200	210	145	135	120	80	110	95	205
PCR product(s)		135	235	255					215	145	215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*40:08, 40:68, 40:106						6						
*40:13												12
*40:15-40:16, 40:23, 40:32, 40:98, 40:158						6		8				12
*40:136, 41:01, 41:03:01-41:03:02, 41:06-41:09, 41:12, 41:14, 41:16-41:17, 45:09						6						12
*40:152						6						12
*40:153						6						12
*41:02:01-41:02:03, 41:04, 41:11, 41:13, 41:15, 41:18						6					11	12
*41:05						w						12
*41:10						6					11	12
*42:02, 42:09											11	
*45:03						6						12
*47:01:01:01-47:01:02, 47:06-47:08							7					
*47:03						w						
*47:05		2					7					
*51:103												
*53:03									9			
HLA-B allele												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE												
HLA-B*37 SSP subtyping												
Amplification patterns of the HLA-B*37:01 to *37:29 alleles												
Well ⁵												
13	14	15	16	17	18	19	20	21	22	23	24	
170	245	135	170	165	195	215	235	165	175	90	135	Length of spec. PCR product(s)
255								270		345		Length of int. pos. control ¹
800	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	5'-primer(s) ²
97	97	206	409	416	385	97	368	97	520	369	206	
5'-TCC 3'	5'-TCC 3'	5'-gAC 3'	5'-ggC 3'	5'-CCg 3'	5'-ggg 3'	5'-TCC 3'	5'-gTC 3'	5'-TCC 3'	5'-CgA 3'	5'-TAC 3'	5'-gAC 3'	
										3 rd I		
										5'-Agg 3'		
227	302	302	538	538	538	272	563	221	3 rd I	419	301	3'-primer(s) ³
5'-CTg 3'	5'-ggC 3'	5'-ggC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-TgA 3'	5'-CgT 3'	5'-ACC 3'	5'-TAT 3'	5'-CgA 3'	5'-gCT 3'	
309								326		872		
5'-gTg 3'								5'-TgC 3'		5'-TCA 3'		
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele
												*37:01:01-37:01:07
												*37:02
												*37:03N
												*37:04:01-37:04:02
												*37:05
												*37:06
												*37:07
												*37:08
			16									*37:09
13												*37:10
	14	15									24	*37:11
			16									*37:12
												*37:13
											24	*37:14
13												*37:15
							20					*37:16Q
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

170	245	135	170	165	195	215	235	165	175	90	135	Length of spec.
255								270		345		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
									22			*37:17
												*37:18
										23		*37:19
				18								*37:20
						19						*37:21
												*37:22
										23		*37:23
								21				*37:24, 37:27 ⁴
				17								*37:25
												*37:26
												*37:28
											24	*37:29
												*07:02:01-07:03, 07:05:01-07:18:02, 07:20-07:24, 07:26, 07:28-07:32, 07:34-07:39, 07:41-07:47, 07:49N-07:50, 07:52, 07:54-07:59, 07:61-07:64, 07:66-07:99, 07:101-07:121, 07:123-07:130, 15:138, 48:05, 48:08, 48:15, C*02:23, C*04:77
			16									*07:04
			16									*07:19, 07:25, 08:01:01-08:05, 08:07-08:08N, 08:10-08:11, 08:15, 08:17-08:19N, 08:21-08:24, 08:26-08:27, 08:29-08:31, 08:33-08:39, 08:41-08:48, 08:50-08:54, 08:56-08:59, 08:61, 08:63-08:69, 42:01:01-42:01:02, 42:05:01-42:08, 42:10-42:12, 42:14-42:16
												*07:27
		15									24	*07:65
			16									*08:09, 08:12:01-08:12:03, 08:16, 08:60, 15:51, 15:83, 15:179, 15:199, 15:218Q, 38:30, 42:04, 42:13, 44:14, 44:17, 44:51, 44:62, 44:123, 51:08, 51:20, 51:36, 51:44N, 51:97, 52:19, 53:22, 55:20, 56:13, 57:09, 57:24, 82:01-82:03
												*08:14, 08:28, 44:106
		15	16								24	*08:32, 35:87
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

170	245	135	170	165	195	215	235	165	175	90	135	Length of spec.
255								270		345		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*08:49, C*07:68
	14		16			19						*08:62
13												*13:23, 40:47, 40:96, 40:157, 44:15, 44:55, 44:103, 49:02
										23		*14:10, 38:20, 39:42, 44:117, 51:32
												*15:46, 15:53, 15:106, 15:143, 18:49, 35:03:03, 35:19, 35:27, 35:47, 35:56, 35:154, 40:10:01-40:10:02, 40:40, 40:49, 40:58, 40:129, 40:164, 44:09, 44:46, 44:75, 44:90, 44:129, 47:02, 50:13, 78:06
	14											*15:71, 15:175, 15:204, 15:210, 27:33, 40:46, 40:93, 48:22, 50:06
		15									24	*15:202, 18:01:13, 18:04, 18:25, 18:43, 35:01:01-35:02:02, 35:02:04- 35:03:02, 35:03:04-35:08:01, 35:08:03- 35:18, 35:20:01-35:24:02, 35:28-35:37, 35:39-35:45, 35:48, 35:51, 35:53N- 35:55, 35:57-35:58, 35:60-35:62, 35:64- 35:72, 35:74-35:83, 35:85-35:86, 35:88- 35:114, 35:116-35:153, 35:155-35:161, 35:163, 39:19:01-39:19:02, 56:06, 78:01:01-78:05, 78:07
	14											*15:212, 35:63, 40:01:01-40:01:04, 40:01:06-40:06:03, 40:09, 40:11:01- 40:11:02, 40:14:01-40:14:03, 40:18, 40:20, 40:22N, 40:24, 40:26-40:31, 40:33-40:36, 40:38-40:39, 40:42-40:45, 40:48, 40:50-40:57, 40:59-40:67, 40:70- 40:75, 40:77-40:92, 40:94-40:95, 40:97, 40:99-40:105, 40:107-40:108, 40:111- 40:116, 40:118N-40:128, 40:130- 40:134, 40:138-40:151, 40:154-40:156, 40:159-40:161, 40:163, 45:01-45:02, 45:04-45:08, 45:10-45:13, 50:01:01- 50:02, 50:04-50:05, 50:07-50:12
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
170	245	135	170	165	195	215	235	165	175	90	135	Length of spec.

255								270		345		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
	14	15									24	*18:01:01-18:01:12, 18:02-18:03, 18:05-18:06, 18:08, 18:10-18:11, 18:13-18:15, 18:17N, 18:19-18:24, 18:26-18:28, 18:30-18:36, 18:38-18:42, 18:44-18:47, 18:50-18:53, 18:55, 18:57-18:63
	14	15				19					24	*18:07:01-18:07:02, 18:29, 35:50, 35:84, 35:162
13												*18:09
	14	15									24	*18:12
	14	15									24	*18:18
	14											*18:37, 39:31, 46:14, 54:02, 55:16, 73:01-73:02
	14											*18:48, 40:25, 40:69
												*18:54
	14	15	16								24	*18:56
13												*27:01
												*27:02:01-27:05:16, 27:07, 27:09-27:10, 27:13-27:17, 27:19, 27:25, 27:27-27:29, 27:31-27:32, 27:34-27:36, 27:38-27:39, 27:41-27:43, 27:45-27:56, 27:58-27:68, 27:70-27:80
												*27:06, 27:11, 27:20-27:21, 27:24, 27:30, 40:19, 40:76, 40:109, 40:117, 44:18, 49:01:01-49:01:03, 49:03-49:09, 49:11-49:17
	14											*27:08, 27:12, 27:18, 27:26, 27:40, 27:44
						19						*27:23
												*27:37, 47:04
								21				*27:57
										23		*27:69
											24	*35:02:03
		15	16								24	*35:38, 35:115
		15										*35:52
		15								23	24	*35:59
												*38:17
												*40:01:05, 40:37, 40:135
	14					19						*40:07, 40:162
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

170	245	135	170	165	195	215	235	165	175	90	135	Length of spec.
255								270		345		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
	14					19						*40:08, 40:68, 40:106
						19						*40:13
	14											*40:15-40:16, 40:23, 40:32, 40:98, 40:158
	14		16									*40:136, 41:01, 41:03:01-41:03:02, 41:06-41:09, 41:12, 41:14, 41:16-41:17, 45:09
	14							21				*40:152
	14								22			*40:153
	14		16									*41:02:01-41:02:03, 41:04, 41:11, 41:13, 41:15, 41:18
			16									*41:05
	14											*41:10
	14		16									*42:02, 42:09
	14			17								*45:03
												*47:01:01:01-47:01:02, 47:06-47:08
												*47:03
												*47:05
						19						*51:103
												*53:03
												HLA-B allele
13	14	15	16	17	18	19	20	21	22	23	24	Well No.