

INTERPRETATION TABLE												
HLA-B*37 SSP subtyping												
Amplification patterns of the HLA-B*37:01 to *37:25 alleles												
	Well ⁴											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	210	95	200	200	210	145	135	120	80	145	95	205
PCR product(s)			235	255					215		215	
Length of int.	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
pos. control ¹												
5'-primer(s) ²	368	363	142	368	142	206	206	527	126	206	363	97
	5'-gTC ³	5'-AAT 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
			368			206			261		483	
			5'-gTC ³			5'-gAC ³			5'-AAC ³		5'-gAA ³	
3'-primer(s) ³	538	418	337	527	311	311	301	605	301	311	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'-ggT ³	5'-gTC ³	5'-CTC ³
			527	583	311							259
			5'-CCT ³	5'-gTg ³	5'-ggg 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	145	95	205
PCR product(s)			235	255					215		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	1				5							12
*37:25	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, 07:101-07:117, 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- 08:66, 42:01:01-42:01:02, 42:05:01- 42:08, 42:10-42:12, 42:14											11	
*07:27					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, 42:04, 42:13, 44:14, 44:17, 44:51, 44:62, 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	
*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, 51:32												
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	145	95	205
PCR product(s)			235	255					215		215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*15:46, 15:53, 15:106, 15:143, 18:49, 35:02:03, 35:03:03, 35:19, 35:27, 35:47, 35:56, 40:10:01-40:10:02, 40:40, 40:49, 40:58, 40:129, 44:09, 44:46, 44:75, 44:90, 47:02, 78:06						6						
*15:71, 15:175, 15:204, 27:33, 40:46, 40:93, 48:22, 50:06												12
*15:202, 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, 35:51-35:55, 35:57-35:58, 35:60-35:62, 35:64-35:72, 35:74-35:83, 35:85-35:86, 35:88-35:114, 35:116-35:151, 39:19:01-39:19:02, 56:06, 78:01-78:05, 78:07						6						
*18:01:01-18:03, 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, 18:50-18:52						6						
*18:07:01-18:07:02, 18:29, 35:50, 35:84						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						
*27:01		2										12
*27:02-27:05:15, 27:10, 27:13, 27:15-27:17, 27:25, 27:28-27:29, 27:31, 27:36, 27:38-27:39, 27:42, 27:45, 27:47-27:68, 27:71-27:73		2										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	145	95	205
PCR product(s)			235	255					215		215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*27:06-27:07, 27:09, 27:11, 27:14, 27:19-27:21, 27:24, 27:27, 27:30, 27:32, 27:34-27:35, 27:41, 27:43, 27:46, 27:70, 40:19, 40:76, 40:109, 40:117, 44:18, 49:01:01-49:01:02, 49:03-49:09, 49:11-49:15												12
*27:08, 27:12, 27:18, 27:26, 27:40, 27:44		2										12
*27:23		2										
*27:37, 47:04		2										
*27:69		2										12
*35:38, 35:115						6						
*35:59						6						
*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, 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
*38:17						5				9		
*40:01:05, 40:37, 40:135							6					12
*40:07							6					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, 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							6				11	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	145	95	205
PCR product(s)			235	255					215		215	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*41:05						w						12
*41:10						6					11	12
*42:02, 42:09											11	
*45:03						6						12
*47:01:01:01-47:01:01:02, 47:06-47:07							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 *37:25 alleles											
Well ⁴											
13	14	15	16	17	18	19	20	21	22	23	
170	245	135	170	165	195	215	235	270	175	90	Length of spec.
255										345	PCR product(s)
800	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	Length of int.
											pos. control ¹
97	97	206	409	416	385	97	368	97	520	369	5'-primer(s) ²
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'	
										3 rd I	
										5' -Agg 3'	
227	302	302	538	538	538	272	563	326	3 rd I	419	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' -TgC 3'	5' -TAT 3'	5' -CgA 3'	
309										872	
5' -gTg 3'										5' -TCA 3'	
13	14	15	16	17	18	19	20	21	22	23	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									*37:11
			16								*37:12
											*37:13
											*37:14
13											*37:15
							20				*37:16Q
13	14	15	16	17	18	19	20	21	22	23	Well No.

170	245	135	170	165	195	215	235	270	175	90	Length of spec.
255										345	PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	Well No.
									22		*37:17
											*37:18
										23	*37:19
				18							*37:20
						19					*37:21
											*37:22
										23	*37:23
								21			*37:24
				17							*37:25
											*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, 07:101-07:117, 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, 08:63-08:66, 42:01:01-42:01:02, 42:05:01-42:08, 42:10-42:12, 42:14
											*07:27
		15									*07:65
			16								*08:09, 08:12:01-08:12:03, 08:16, 08:60, 15:51, 15:83, 15:179, 15:199, 42:04, 42:13, 44:14, 44:17, 44:51, 44:62, 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								*08:32, 35:87
											*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, 51:32
13	14	15	16	17	18	19	20	21	22	23	Well No.

170	245	135	170	165	195	215	235	270	175	90	Length of spec.
255										345	PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	Well No.
											*15:46, 15:53, 15:106, 15:143, 18:49, 35:02:03, 35:03:03, 35:19, 35:27, 35:47, 35:56, 40:10:01-40:10:02, 40:40, 40:49, 40:58, 40:129, 44:09, 44:46, 44:75, 44:90, 47:02, 78:06
	14										*15:71, 15:175, 15:204, 27:33, 40:46, 40:93, 48:22, 50:06
		15									*15:202, 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, 35:51-35:55, 35:57-35:58, 35:60-35:62, 35:64-35:72, 35:74-35:83, 35:85-35:86, 35:88-35:114, 35:116-35:151, 39:19:01-39:19:02, 56:06, 78:01-78:05, 78:07
	14	15									*18:01:01-18:03, 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, 18:50-18:52
	14	15				19					*18:07:01-18:07:02, 18:29, 35:50, 35:84
13											*18:09
	14	15									*18:12
	14	15									*18:18
	14										*18:37, 39:31, 46:14, 54:02, 55:16, 73:01-73:02
	14										*18:48, 40:25, 40:69
13											*27:01
											*27:02-27:05:15, 27:10, 27:13, 27:15-27:17, 27:25, 27:28-27:29, 27:31, 27:36, 27:38-27:39, 27:42, 27:45, 27:47-27:68, 27:71-27:73
13	14	15	16	17	18	19	20	21	22	23	Well No.
170	245	135	170	165	195	215	235	270	175	90	Length of spec.
255										345	PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	Well No.

											*27:06-27:07, 27:09, 27:11, 27:14, 27:19-27:21, 27:24, 27:27, 27:30, 27:32, 27:34-27:35, 27:41, 27:43, 27:46, 27:70, 40:19, 40:76, 40:109, 40:117, 44:18, 49:01:01-49:01:02, 49:03-49:09, 49:11-49:15
	14										*27:08, 27:12, 27:18, 27:26, 27:40, 27:44
						19					*27:23
											*27:37, 47:04
									23		*27:69
		15	16								*35:38, 35:115
		15							23		*35:59
	14										*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, 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
											*38:17
											*40:01:05, 40:37, 40:135
	14					19					*40:07
	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, 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
13	14	15	16	17	18	19	20	21	22	23	Well No.
170	245	135	170	165	195	215	235	270	175	90	Length of spec.
255										345	PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	Well No.

			16									*41:05
	14											*41:10
	14		16									*42:02, 42:09
	14			17								*45:03
												*47:01:01:01-47:01:01:02, 47:06-47:07
												*47:03
												*47:05
						19						*51:103
												*53:03
												HLA-B allele
13	14	15	16	17	18	19	20	21	22	23		Well No.