

INTERPRETATION TABLE								
HLA-B*42 SSP subtyping								
Amplification patterns of the B*42:01 to 42:14 alleles								
	Well							
	1	2	3	4	5	6	7	8
Length of spec.	215	215	215	220	105	165	160	215
PCR product								
Length of int.	800	1070	1070	1070	800	1070	1070	1070
pos. control ¹								
5'-primer ²	97	363	97	357	540	412	419	103
	5' -TCT 3'	5' -AgC 3'	5' -TCC 3'	5' -Tgg 3'	5' -gAC 3'	5' -ATA 3'	5' -gTT 3'	5' -CCT 3'
							419	103
							5' -gTT 3'	5' -CCT 3'
3'-primer ³	272	538	272	538	605	538	538	277
	5' -TgT 3'	5' -gTC 3'	5' -TgT 3'	5' -gTC 3'	5' -gCT 3'	5' -gTC 3'	5' -gTC 3'	5' -ggT 3'
Well No.	1	2	3	4	5	6	7	8
HLA-B allele ⁴								
*42:01:01-42:01:02	1	2				6		
*42:02		2	3			6		
*42:04	1			4		6		
*42:05:01-42:05:02	1	2			5	6		
*42:06	1	2				6	7	
*42:07		2				6		8
*42:08	1	2				6		
*42:09		2	3					
*42:10	1	2				6		
*42:11		2				6		8
*42:12	1	2				6		
*42:13	1					6		
*42:14	1	2				6		
*07:02:01-07:02:20, 07:05:01-07:07, 07:09, 07:11-07:12, 07:14-07:15, 07:17-07:18:02, 07:20-07:24, 07:26, 07:28, 07:30-07:31, 07:33-07:36, 07:39-07:49N, 07:51-07:55, 07:57-07:64, 07:66-07:68:02, 07:70, 07:73-07:82, 07:84, 07:86-07:115, 54:21, 55:10, 56:16, 67:01:01-67:01:02, 81:01-81:04N	1							
Well No.	1	2	3	4	5	6	7	8
Length of spec.	215	215	215	220	105	165	160	215
PCR product								
Well No.	1	2	3	4	5	6	7	8

*07:03, 07:08, 07:16, 07:32, 07:38, 07:69, 07:85, 13:14, 14:01, 14:07N-14:08, 14:10, 14:12, 14:14, 15:71, 15:175, 18:01:01-18:03, 18:05-18:15, 18:17N-18:24, 18:26-18:36, 18:38-18:50, 27:12, 27:16, 27:23, 35:50, 35:84, 37:02, 37:07, 38:01:01-38:02:02, 38:04, 38:06-38:23, 39:01:01:01-39:01:01:02L, 39:01:03-39:01:11, 39:03, 39:05:01-39:07, 39:09-39:11, 39:14-39:20, 39:22, 39:24-39:38Q, 39:40N-39:48, 39:50-39:51, 39:53-39:60, 40:02:01-40:06:03, 40:08-40:09, 40:11:01-40:11:02, 40:13, 40:18-40:20, 40:24, 40:26-40:29, 40:35, 40:37, 40:39-40:40, 40:44, 40:50, 40:56, 40:64, 40:68, 40:70-40:71, 40:74-40:75, 40:78, 40:82-40:83, 40:85-40:86, 40:89-40:91, 40:94-40:99, 40:104-40:105, 40:107, 40:109, 40:111, 40:115, 40:119-40:120, 40:122, 40:127, 40:131, 40:133Q, 40:142N-40:145, 44:103, 48:06, 51:57, 53:21								8
*07:04, 07:25	1	2			5			
*07:19	1	2						
*07:27, 07:50, 15:68, 18:37, 27:18, 27:29, 38:03, 39:02:01-39:02:02, 39:08, 39:13:01-39:13:02, 39:23, 39:39, 39:49, 40:93, 48:01:01-48:05, 48:07-48:21, 48:23								8
*07:29, 07:71								
Well No.	1	2	3	4	5	6	7	8
Length of spec.	215	215	215	220	105	165	160	215
PCR product								
Well No.	1	2	3	4	5	6	7	8
*07:56, 07:65, 07:72, 15:76, 15:101, 35:76, 54:01, 54:03-54:06, 54:08N-54:20, 54:22-54:23, 55:01:01-55:05, 55:07-55:09, 55:11-55:15, 55:17, 55:19, 55:21-55:24, 55:26-55:33, 55:35-55:43, 56:01:01-56:07, 56:09-56:12, 56:15, 56:18-56:22, 56:24-56:29	1							

*08:01:01-08:03, 08:05, 08:08N, 08:10-08:11, 08:15, 08:18-08:19N, 08:21-08:24, 08:26-08:27, 08:29-08:36, 08:38-08:39, 08:41-08:48, 08:50-08:53, 08:56-08:59, 08:61-08:62, 35:87, 41:02:01-41:02:02, 41:11		2				6		
*08:04, 08:17, 08:54		2				6		
*08:07, 08:14, 08:28, 08:37, 41:04, 41:10		2						
*08:09, 41:01, 41:05, 41:07, 41:12				4		6		
*08:12:01-08:12:03, 08:16, 41:03:01-41:03:02						6		
*08:49							7	
*08:60						6		
*15:03:01-15:03:03, 15:47, 15:54, 15:61-15:62, 15:64, 15:69, 15:91, 15:98, 15:103, 15:123, 15:127, 15:131-15:132, 15:151, 15:156, 15:158, 15:173, 40:12, 40:46, 44:40, 48:22, 52:16, 55:18								
*15:51, 15:179, 15:199, 27:47, 35:38, 35:115, 44:02:01:01-44:02:13, 44:05:01-44:06, 44:08-44:09, 44:11-44:12, 44:16-44:17, 44:19N, 44:21-44:25, 44:27, 44:33-44:34, 44:41-44:42, 44:48-44:49, 44:51-44:53, 44:55, 44:58N-44:59, 44:63, 44:66-44:68, 44:70, 44:72-44:75, 44:78, 44:80, 44:83-44:84, 44:86-44:89, 44:91, 44:93, 44:95, 44:97, 44:99, 44:101-44:102, 44:104, 53:22, 57:24, C*07:68								
*15:83, 41:09, 51:08, 51:20, 51:36, 51:44N, 52:19				4		6		
Well No.	1	2	3	4	5	6	7	8
Length of spec.	215	215	215	220	105	165	160	215
PCR product								
Well No.	1	2	3	4	5	6	7	8
*37:01:01-37:01:07, 37:03N-37:04:01, 37:05-37:06, 37:08, 37:10-37:11, 37:13-37:23							7	8
*37:04:02							7	8
*37:09		2						8
*37:12						6		8
*40:136, 41:08					5	6		
*41:06				4		6		
*44:14, 44:62, 57:09						6		

*44:15, 44:18, 45:01-45:02, 45:04, 45:07-45:08, 45:10-45:12				4			7	
*44:20, 44:100, 45:03, 45:09				4				
*44:44								
*44:90	1							
*44:106		2						
*45:05				4			7	
*45:06			3	4			7	
*53:15								
*54:02, 55:16			3					
*55:20	1			4		6		
*56:13	1			4		6	7	
*82:01-82:03	1					6	7	
*83:01	1							
C*07:04:01-07:04:04, C*07:11-07:12, C*07:45, C*07:63, C*07:101, C*07:139, C*07:142							w	
C*15:25							7	
HLA-B allele ⁴								
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE							
HLA-B*42 SSP subtyping							
Amplification patterns of the B*42:01 to 42:14 alleles							
Well							
9	10	11	12	13	14	15	
170	105	180	105	65	290	230	Length of spec.
							PCR product
1070	1070	1070	1070	1070	1070	1070	Length of int.
							pos. control ¹
142	540	463	206	540	355	412	5'-primer ²
5'-TCT 3'	5'-gAC 3'	5'-TgA 3'	5'-AgA 3'	5'-gAC 3'	5'-TCA 3'	5'-ATA 3'	
272	603	603	272	566	603	603	3'-primer ³
5'-TgT 3'	5'-gTC 3'	5'-gTg 3'	5'-Tgg 3'	5'-CCC 3'	5'-gTg 3'	5'-gTg 3'	
9	10	11	12	13	14	15	Well No.
							HLA-B allele ⁴
9							*42:01:01-42:01:02
9							*42:02
9							*42:04
9							*42:05:01-42:05:02
9							*42:06
							*42:07
9	10						*42:08
9							*42:09
9		11					*42:10
			12				*42:11
9				13			*42:12
9					14		*42:13
9						15	*42:14
9							*07:02:01-07:02:20, 07:05:01-07:07, 07:09, 07:11-07:12, 07:14-07:15, 07:17-07:18:02, 07:20-07:24, 07:26, 07:28, 07:30-07:31, 07:33-07:36, 07:39-07:49N, 07:51-07:55, 07:57-07:64, 07:66-07:68:02, 07:70, 07:73-07:82, 07:84, 07:86-07:115, 54:21, 55:10, 56:16, 67:01:01-67:01:02, 81:01-81:04N
9	10	11	12	13	14	15	Well No.
170	105	180	105	65	290	230	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.

							*07:03, 07:08, 07:16, 07:32, 07:38, 07:69, 07:85, 13:14, 14:01, 14:07N-14:08, 14:10, 14:12, 14:14, 15:71, 15:175, 18:01:01- 18:03, 18:05-18:15, 18:17N-18:24, 18:26- 18:36, 18:38-18:50, 27:12, 27:16, 27:23, 35:50, 35:84, 37:02, 37:07, 38:01:01- 38:02:02, 38:04, 38:06-38:23, 39:01:01:01- 39:01:01:02L, 39:01:03-39:01:11, 39:03, 39:05:01-39:07, 39:09-39:11, 39:14-39:20, 39:22, 39:24-39:38Q, 39:40N-39:48, 39:50- 39:51, 39:53-39:60, 40:02:01-40:06:03, 40:08-40:09, 40:11:01-40:11:02, 40:13, 40:18-40:20, 40:24, 40:26-40:29, 40:35, 40:37, 40:39-40:40, 40:44, 40:50, 40:56, 40:64, 40:68, 40:70-40:71, 40:74-40:75, 40:78, 40:82-40:83, 40:85-40:86, 40:89- 40:91, 40:94-40:99, 40:104-40:105, 40:107, 40:109, 40:111, 40:115, 40:119- 40:120, 40:122, 40:127, 40:131, 40:133Q, 40:142N-40:145, 44:103, 48:06, 51:57, 53:21
9							*07:04, 07:25
9	10						*07:19
			12				*07:27, 07:50, 15:68, 18:37, 27:18, 27:29, 38:03, 39:02:01-39:02:02, 39:08, 39:13:01- 39:13:02, 39:23, 39:39, 39:49, 40:93, 48:01:01-48:05, 48:07-48:21, 48:23
9							*07:29, 07:71
9	10	11	12	13	14	15	Well No.
170	105	180	105	65	290	230	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.
							*07:56, 07:65, 07:72, 15:76, 15:101, 35:76, 54:01, 54:03-54:06, 54:08N-54:20, 54:22-54:23, 55:01:01-55:05, 55:07-55:09, 55:11-55:15, 55:17, 55:19, 55:21-55:24, 55:26-55:33, 55:35-55:43, 56:01:01-56:07, 56:09-56:12, 56:15, 56:18-56:22, 56:24- 56:29

							*08:01:01-08:03, 08:05, 08:08N, 08:10-08:11, 08:15, 08:18-08:19N, 08:21-08:24, 08:26-08:27, 08:29-08:36, 08:38-08:39, 08:41-08:48, 08:50-08:53, 08:56-08:59, 08:61-08:62, 35:87, 41:02:01-41:02:02, 41:11
			12				*08:04, 08:17, 08:54
							*08:07, 08:14, 08:28, 08:37, 41:04, 41:10
							*08:09, 41:01, 41:05, 41:07, 41:12
							*08:12:01-08:12:03, 08:16, 41:03:01-41:03:02
		11			14		*08:49
					14		*08:60
			12				*15:03:01-15:03:03, 15:47, 15:54, 15:61-15:62, 15:64, 15:69, 15:91, 15:98, 15:103, 15:123, 15:127, 15:131-15:132, 15:151, 15:156, 15:158, 15:173, 40:12, 40:46, 44:40, 48:22, 52:16, 55:18
	10						*15:51, 15:179, 15:199, 27:47, 35:38, 35:115, 44:02:01:01-44:02:13, 44:05:01-44:06, 44:08-44:09, 44:11-44:12, 44:16-44:17, 44:19N, 44:21-44:25, 44:27, 44:33-44:34, 44:41-44:42, 44:48-44:49, 44:51-44:53, 44:55, 44:58N-44:59, 44:63, 44:66-44:68, 44:70, 44:72-44:75, 44:78, 44:80, 44:83-44:84, 44:86-44:89, 44:91, 44:93, 44:95, 44:97, 44:99, 44:101-44:102, 44:104, 53:22, 57:24, C*07:68
	10						*15:83, 41:09, 51:08, 51:20, 51:36, 51:44N, 52:19
9	10	11	12	13	14	15	Well No.
170	105	180	105	65	290	230	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.
	10						*37:01:01-37:01:07, 37:03N-37:04:01, 37:05-37:06, 37:08, 37:10-37:11, 37:13-37:23
							*37:04:02
	10						*37:09
	10						*37:12
							*40:136, 41:08
						15	*41:06
	10						*44:14, 44:62, 57:09

	10						*44:15, 44:18, 45:01-45:02, 45:04, 45:07-45:08, 45:10-45:12
	10						*44:20, 44:100, 45:03, 45:09
	10		12				*44:44
	10						*44:90
	10						*44:106
							*45:05
	10						*45:06
		11			14		*53:15
							*54:02, 55:16
							*55:20
	10						*56:13
9	10						*82:01-82:03
9	10						*83:01
	10						<i>C*07:04:01-07:04:04, C*07:11-07:12, C*07:45, C*07:63, C*07:101, C*07:139, C*07:142</i>
	10						<i>C*15:25</i>
							HLA-B allele⁴
9	10	11	12	13	14	15	Well No.