

INTERPRETATION TABLE								
HLA-B*50 SSP subtyping								
Amplification patterns of the B*50:01 to B*50:14 alleles								
	Well ⁵							
	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product								
Length of int.	800	1070	800	1070	1070	1070	1070	1070
pos. control ¹								
5'-primer ²	357	357	379	357	206	420	420	97
	5' -Tgg 3'	5' -Tgg 3'	5' -ACg 3'	5' -Tgg 3'	5' -gAA 3'	5' -TTA 3'	5' -TTA 3'	5' -TCC 3'
3'-primer ³	572	572	420	420	311	538	527	191
	5' -gCC 3'	5' -gCg 3'	5' -gCT 3'	5' -gCT 3'	5' -ggT 3'	5' -CAg 3'	5' -CCT 3'	5' -TgA 3'
HLA-B allele ⁴								
Well No.	1	2	3	4	5	6	7	8
*50:01:01-50:01:02	1			4	5	6	7	
*50:01:03	1			4	5	6	w	
*50:02		2		4	5	6	7	
*50:04	1		3	4	5	6	7	
*50:05	1			4	5	6	7	8
*50:06	1			4		6	7	
*50:07	1			4	5	6	7	
*50:08	1			4	5	6	7	
*50:09	1				5			
*50:10	1			4	5	6	7	
*50:11	1			4	5	6	7	
*50:12					5	6	7	
*50:13	1			4	5	6	7	
*50:14	1				5			
*07:78, 54:20, 55:09, 55:52	1			4			w	
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product								
Well No.	1	2	3	4	5	6	7	8

*07:84, 08:09, 13:04, 13:35, 13:46, 15:04, 15:16:01-15:16:03, 15:67, 15:83, 15:95, 15:155, 15:222, 27:14, 27:81, 35:37, 39:06:01-39:06:02, 39:33-39:34, 39:50, 39:57, 39:62, 39:64, 40:93, 40:96, 40:109, 41:05, 42:04, 49:04-49:05, 51:01:01-51:03, 51:05, 51:07:01-51:14, 51:16-51:22, 51:24:01-51:24:04, 51:26-51:41N, 51:43-51:44N, 51:48-51:55, 51:57-51:58, 51:60-51:61, 51:63, 51:65-51:69, 51:71-51:80, 51:82-51:105, 51:107, 51:109-51:122, 52:01:01:01-52:14, 52:16-52:24, 52:26, 54:04, 54:11, 54:14-54:15, 55:13, 55:17, 55:20, 55:23, 55:27-55:28, 55:32, 56:05:01-56:06, 56:15, 56:21-56:22, 58:08:01-58:08:02, 59:02-59:03, 73:01-73:02, 78:01:01-78:07	1							
*07:133, 15:143, 15:212, 18:48, 35:19, 35:63, 40:01:01-40:05, 40:07-40:09, 40:11:01-40:11:02, 40:14:01-40:16, 40:18, 40:20, 40:22N-40:27:02, 40:29-40:39, 40:42-40:43, 40:45, 40:50-40:52, 40:54-40:57, 40:59-40:69, 40:72:01-40:74, 40:77-40:82, 40:84-40:85, 40:87:01-40:92, 40:94, 40:97-40:102, 40:104-40:108, 40:111-40:116, 40:118N-40:126, 40:128, 40:130, 40:132-40:136, 40:138-40:147, 40:149-40:156, 40:158, 40:160, 40:163, 40:166, 40:168-40:169, 40:171-40:173, 41:02:01-41:04, 41:08, 41:10-41:11, 41:13, 41:15, 41:18-41:19, 44:131					5			
*13:01:01-13:01:06, 13:06-13:07N, 13:11-13:12, 13:17, 13:22:01-13:23, 13:25, 13:28-13:29, 13:36, 13:39, 13:43, 13:50, 15:86, 56:02, 56:10						6		
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product								
Well No.	1	2	3	4	5	6	7	8

*13:02:01-13:03, 13:08Q-13:09, 13:14-13:15, 13:19, 13:27, 13:30, 13:32-13:34, 13:37-13:38, 13:40, 13:42, 13:44-13:45, 13:49N, 35:60, 46:11, 46:18, 49:01:02, 49:11, 51:15, 54:01:01-54:03, 54:05N, 54:07-54:08N, 54:12-54:13, 54:17-54:19, 54:21-54:24, 55:02:01-55:02:06, 55:07, 55:10, 55:12, 55:16, 55:18-55:19, 55:22, 55:26, 55:30, 55:34-55:35, 55:41, 55:43, 55:47-55:48, 55:50, 56:01:01-56:01:04, 56:07-56:08, 56:14, 56:16-56:17, 56:19N-56:20:02, 56:23-56:24, 56:26-56:30, 59:01:01:01-59:01:01:02, 59:04-59:05	1			4		6		
*13:16, 13:48, 15:42, 52:25, 55:01:01-55:01:03, 55:01:05-55:01:06, 55:03, 55:05, 55:11, 55:15, 55:24-55:25, 55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 55:45, 56:25	1			4		6	w	
*13:18, 13:31, 13:41, 54:10, 54:16, 55:21, 55:37, 55:46, 56:13	1			4				
*13:20, 55:01:07						6	w	
*13:47, 55:39, 55:42	1					6		
*14:19, 14:27, 53:07, C*04:08, C*04:34, C*05:27, C*05:39, C*08:41, C*17:07								
*15:18:03, 15:73, C*03:12, C*03:19, C*03:102, C*15:26			3					
*15:46, 15:53, 15:106, 35:47, 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					5			
*15:137	1							
*15:224, 39:17, 56:04			3			6		
*35:01:10, 35:04:02, 51:56:01-51:56:02								
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product								
Well No.	1	2	3	4	5	6	7	8
*40:06:01:01-40:06:04, 40:44, 40:53, 40:70, 40:75, 40:86, 40:95, 40:103, 40:127, 40:131, 40:148, 40:159, 40:161-40:162, 40:165, 40:167, 41:01, 41:06-41:07, 41:09, 41:12, 41:14, 41:16-41:17	1				5			
*40:28					5			

*40:48, 40:71			3		5	6		
*40:83	1				5			
*40:110	1							
*40:170					5			
*44:02:01:01-44:05:03, 44:11-44:14, 44:16-44:17, 44:19N, 44:21-44:39, 44:41:01-44:43:02, 44:45, 44:48, 44:50-44:54, 44:56N, 44:58N-44:59, 44:61N-44:74, 44:76-44:80, 44:82, 44:84-44:89, 44:91-44:99, 44:101-44:102, 44:104-44:110, 44:112-44:128, 44:132-44:133, 47:01:01:01-47:01:02, 47:04-47:08, 57:45								
*44:07								
*44:10						6		
*44:15, 44:18		2		4				
*44:20, 44:47, 44:100		2						
*45:01, 45:03, 45:05-45:07, 45:11-45:13		2		4	5			
*45:02		2			5			
*45:04, 45:08, 45:10	1			4	5			
*45:09		2			5			
*47:03					w			
*49:01:01, 49:01:03-49:03, 49:06-49:09, 49:12-49:17, 49:19N	1			4		6	7	
*49:10	1			4		6	7	
*49:18	1							
*49:20		2		4		6	7	
*51:23, 51:108, 52:15		2						
*51:62			3			6	w	
*51:106, 55:44, 55:53	1					6	w	
*55:01:04	1			4		6	w	
HLA-B allele⁴								
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE								
HLA-B*50 SSP subtyping								
Amplification patterns of the B*50:01 to B*50:14 alleles								
Well ⁵								
9	10	11	12	13	14	15	16	
150	90	280	180	105	300	135	95	Length of spec.
				270				PCR product
800	800	1070	1070	800	1070	1070	1070	Length of int.
								pos. control ¹
97	142	357	420	81	357	97	379	5'-primer ²
5' -TCC 3'	5' -TCA 3'	5' -Tgg 3'	5' -TTC 3'	5' -CAg 3'	5' -Tgg 3'	5' -TCT 3'	5' -ACC 3'	
				355				
				5' -CTg 3'				
206	193	594	559	311	616	193	435	3'-primer ³
5' -CCC 3'	5' -CgC 3'	5' -CCT 3'	5' -CAg 3'	5' -ggT 3'	5' -CgT 3'	5' -CgT 3'	5' -TCT 3'	
				420				
				5' -gCT 3'				
								HLA-B allele ⁴
9	10	11	12	13	14	15	16	Well No.
								*50:01:01-50:01:02
								*50:01:03
								*50:02
								*50:04
								*50:05
9								*50:06
	10							*50:07
		11						*50:08
			12					*50:09
				13				*50:10
					14			*50:11
				13				*50:12
						15		*50:13
							16	*50:14
								*07:78, 54:20, 55:09, 55:52
9	10	11	12	13	14	15	16	Well No.
150	90	280	180	105	300	135	95	Length of spec.
				270				PCR product
9	10	11	12	13	14	15	16	Well No.

								*07:84, 08:09, 13:04, 13:35, 13:46, 15:04, 15:16:01-15:16:03, 15:67, 15:83, 15:95, 15:155, 15:222, 27:14, 27:81, 35:37, 39:06:01-39:06:02, 39:33-39:34, 39:50, 39:57, 39:62, 39:64, 40:93, 40:96, 40:109, 41:05, 42:04, 49:04- 49:05, 51:01:01-51:03, 51:05, 51:07:01- 51:14, 51:16-51:22, 51:24:01-51:24:04, 51:26-51:41N, 51:43-51:44N, 51:48- 51:55, 51:57-51:58, 51:60-51:61, 51:63, 51:65-51:69, 51:71-51:80, 51:82- 51:105, 51:107, 51:109-51:122, 52:01:01:01-52:14, 52:16-52:24, 52:26, 54:04, 54:11, 54:14-54:15, 55:13, 55:17, 55:20, 55:23, 55:27-55:28, 55:32, 56:05:01-56:06, 56:15, 56:21-56:22, 58:08:01-58:08:02, 59:02-59:03, 73:01- 73:02, 78:01:01-78:07
								*07:133, 15:143, 15:212, 18:48, 35:19, 35:63, 40:01:01-40:05, 40:07-40:09, 40:11:01-40:11:02, 40:14:01-40:16, 40:18, 40:20, 40:22N-40:27:02, 40:29- 40:39, 40:42-40:43, 40:45, 40:50-40:52, 40:54-40:57, 40:59-40:69, 40:72:01- 40:74, 40:77-40:82, 40:84-40:85, 40:87:01-40:92, 40:94, 40:97-40:102, 40:104-40:108, 40:111-40:116, 40:118N- 40:126, 40:128, 40:130, 40:132-40:136, 40:138-40:147, 40:149-40:156, 40:158, 40:160, 40:163, 40:166, 40:168-40:169, 40:171-40:173, 41:02:01-41:04, 41:08, 41:10-41:11, 41:13, 41:15, 41:18-41:19, 44:131
								*13:01:01-13:01:06, 13:06-13:07N, 13:11-13:12, 13:17, 13:22:01-13:23, 13:25, 13:28-13:29, 13:36, 13:39, 13:43, 13:50, 15:86, 56:02, 56:10
9	10	11	12	13	14	15	16	Well No.
150	90	280	180	105	300	135	95	Length of spec.
				270				PCR product
9	10	11	12	13	14	15	16	Well No.

								*40:48, 40:71
	10							*40:83
						15		*40:110
	10							*40:170
						15		*44:02:01:01-44:05:03, 44:11-44:14, 44:16-44:17, 44:19N, 44:21-44:39, 44:41:01-44:43:02, 44:45, 44:48, 44:50- 44:54, 44:56N, 44:58N-44:59, 44:61N- 44:74, 44:76-44:80, 44:82, 44:84-44:89, 44:91-44:99, 44:101-44:102, 44:104- 44:110, 44:112-44:128, 44:132-44:133, 47:01:01:01-47:01:02, 47:04-47:08, 57:45
	10							*44:07
						15		*44:10
								*44:15, 44:18
						15		*44:20, 44:47, 44:100
								*45:01, 45:03, 45:05-45:07, 45:11-45:13
			12					*45:02
								*45:04, 45:08, 45:10
								*45:09
						15		*47:03
								*49:01:01, 49:01:03-49:03, 49:06-49:09, 49:12-49:17, 49:19N
						15		*49:10
							16	*49:18
								*49:20
								*51:23, 51:108, 52:15
								*51:62
								*51:106, 55:44, 55:53
							16	*55:01:04
								HLA-B allele ⁴
9	10	11	12	13	14	15	16	Well No.