

INTERPRETATION TABLE								
HLA-B*50 SSP subtyping								
Amplification patterns of the B*50:01 to B*50:19 alleles								
	Well ⁷							
	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product(s)								365
								540
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'
								272
								5'-CTC 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'
								353
								5'-TgA 3'
HLA-B allele ^{4,5}								
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, 40:95 ⁶	1				5			
*50:15	1			4	5	6	7	
*50:16	1				5	6	7	
*50:17					5	6	7	8
*50:18	1			4	5	6	7	
*50:19	1			4	5	6	7	
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product(s)								365
								540
Well No.	1	2	3	4	5	6	7	8
*07:78, 54:20, 55:09, 55:52	1			4			w	

*07:84, 08:09, 08:84, 13:04, 13:35, 13:46, 13:59, 15:04, 15:16:01-15:16:03, 15:67, 15:83, 15:95, 15:155, 15:222, 15:254, 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, 46:32, 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, 51:60-51:61:02, 51:63, 51:65-51:69, 51:71-51:80, 51:82-51:102, 51:104-51:105, 51:109-51:118N, 51:120-51:134, 51:136-51:138, 51:140-51:147, 52:01:01:01-52:14, 52:16-52:24, 52:26-52:31, 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, 78:01:01-78:07	1							
*07:133, 15:143, 15:212, 18:48, 35:19, 39:69, 40:01:01-40:01:05, 40:01:07-40:03, 40:05, 40:07, 40:09, 40:11:01-40:11:02, 40:14:01-40:16, 40:18, 40:20, 40:22N-40:24, 40:27:01-40:27:02, 40:29-40:39, 40:42-40:43, 40:45, 40:50-40:52, 40:54-40:57, 40:60-40:63, 40:65-40:67, 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, 40:104-40:105, 40:107-40:108, 40:111-40:116, 40:118N-40:119, 40:121-40:126, 40:128, 40:130, 40:132-40:136, 40:138-40:147, 40:149-40:156, 40:158, 40:160:01, 40:163, 40:168-40:169, 40:171-40:176, 40:178-40:184, 40:186-40:187, 40:189, 40:191-40:200, 40:202-40:207, 40:211-40:218, 40:220-40:226, 41:02:01-41:04, 41:08, 41:10-41:11, 41:13, 41:15, 41:18-41:19, 41:23-41:24, 44:131					5			
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product(s)								365
								540
Well No.	1	2	3	4	5	6	7	8
*08:102, 18:80, 27:04:03, 27:23, 27:92, 35:01:10, 35:04:02, 35:90, 35:150, 35:184, 35:201, 38:16, 51:56:01-51:56:02, C*02:02:23								
*13:01:01-13:01:06, 13:06, 13:12, 13:17, 13:22:01-13:23, 13:25, 13:28-13:29, 13:39, 13:43, 13:50, 13:52, 13:57, 13:60-13:61, 13:63N						6		8

*35:217, 40:28, 40:68					5			8
*40:01:06, 40:08, 40:25-40:26, 40:106					5			
*40:06:01:01-40:06:06, 40:44, 40:53, 40:70, 40:75, 40:86, 40:103, 40:127, 40:131, 40:148, 40:159, 40:161-40:162, 40:165, 40:167, 40:177, 40:190, 41:01, 41:06-41:07, 41:09, 41:12, 41:14, 41:16-41:17, 41:20-41:22, 41:25	1				5			
*40:48, 40:71			3		5	6		
*40:83	1				5			
*40:110	1							
*40:166					5			
*40:170					5			
*40:208								
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	255	80	105	145	160	150	135
PCR product(s)								365
								540
Well No.	1	2	3	4	5	6	7	8
*44:02:01:01-44:02:06, 44:02:08-44:03:01, 44:03:03-44:03:12, 44:03:14-44:03:15, 44:03:17-44:03:18, 44:04-44:05:04, 44:11, 44:13-44:14, 44:16-44:17, 44:19N, 44:21-44:27:02, 44:28:02-44:37:01, 44:38-44:39, 44:41:01-44:43:01, 44:45, 44:50-44:54, 44:56N, 44:58N-44:59:02, 44:61N, 44:63, 44:64:02-44:74, 44:76-44:80, 44:82, 44:84-44:89, 44:91-44:99, 44:101-44:102, 44:104-44:110, 44:112-44:123, 44:125-44:127, 44:132-44:133, 44:135-44:139, 44:141-44:142Q, 44:144, 44:146-44:155, 44:157-44:165, 47:01:01:01-47:01:02, 47:04-47:08, 57:45								
*44:02:07, 44:03:02, 44:03:13, 44:03:19, 44:28:01, 44:37:02, 44:43:02, 44:48, 44:64:01, 44:124, 44:128, 44:143								8
*44:07								8
*44:10						6		
*44:12, 44:62								
*44:15, 44:18		2		4				
*44:20, 44:47, 44:100		2						
*44:140			3					
*45:01, 45:03, 45:05-45:07, 45:11-45:14		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, 49:21-49:23, 49:25	1			4		6	7	
*49:10, 49:24	1			4		6	7	
*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	
*54:28	1			4		6		
*55:01:04	1			4		6	w	
*55:01:07						6	w	
*56:36	1			4		6		
*73:01-73:02	1							
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*50:19 alleles

Well ⁷								
9	10	11	12	13	14	15	16	
105	90	105	145	270	300	135	95	Length of spec.
150		280	180				160	PCR product(s)
							580	
800	800	1070	1070	800	1070	800	1070	Length of int.
								pos. control ¹
97	142	357	420	81	357	97	142	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'-TCA 3'	
355			454			460	379	
5'-CTg 3'			5'-ACC 3'			5'-ACA 3'	5'-ACC 3'	
			460					
			5'-ACA 3'					
206	193	422	559	311	616	193	259	3'-primer ³
5'-CCC 3'	5'-CgC 3'	5'-AgC 3'	5'-CAG 3'	5'-ggT 3'	5'-CgT 3'	5'-CgT 3'	5'-gTT 3'	
420		594				559	435	
5'-gCT 3'		5'-CCT 3'				5'-CAG 3'	5'-TCT 3'	
								HLA-B allele ^{4,5}
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
9								*50:12
						15		*50:13
							16	*50:14, 40:95 ⁶
							16	*50:15
		11						*50:16
								*50:17
			12					*50:18
			12			15		*50:19
9	10	11	12	13	14	15	16	Well No.
105	90	105	145	270	300	135	95	Length of spec.
150		280	180				160	PCR product(s)
							580	
9	10	11	12	13	14	15	16	Well No.
								*07:78, 54:20, 55:09, 55:52

								*07:84, 08:09, 08:84, 13:04, 13:35, 13:46, 13:59, 15:04, 15:16:01-15:16:03, 15:67, 15:83, 15:95, 15:155, 15:222, 15:254, 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, 46:32, 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, 51:60-51:61:02, 51:63, 51:65-51:69, 51:71-51:80, 51:82-51:102, 51:104-51:105, 51:109-51:118N, 51:120-51:134, 51:136-51:138, 51:140-51:147, 52:01:01:01-52:14, 52:16-52:24, 52:26-52:31, 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, 78:01:01-78:07
								*07:133, 15:143, 15:212, 18:48, 35:19, 39:69, 40:01:01-40:01:05, 40:01:07-40:03, 40:05, 40:07, 40:09, 40:11:01-40:11:02, 40:14:01-40:16, 40:18, 40:20, 40:22N-40:24, 40:27:01-40:27:02, 40:29-40:39, 40:42-40:43, 40:45, 40:50-40:52, 40:54-40:57, 40:60-40:63, 40:65-40:67, 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, 40:104-40:105, 40:107-40:108, 40:111-40:116, 40:118N-40:119, 40:121-40:126, 40:128, 40:130, 40:132-40:136, 40:138-40:147, 40:149-40:156, 40:158, 40:160:01, 40:163, 40:168-40:169, 40:171-40:176, 40:178-40:184, 40:186-40:187, 40:189, 40:191-40:200, 40:202-40:207, 40:211-40:218, 40:220-40:226, 41:02:01-41:04, 41:08, 41:10-41:11, 41:13, 41:15, 41:18-41:19, 41:23-41:24, 44:131
9	10	11	12	13	14	15	16	Well No.
105	90	105	145	270	300	135	95	Length of spec.
150		280	180				160	PCR product(s)
							580	
9	10	11	12	13	14	15	16	Well No.
							16	*08:102, 18:80, 27:04:03, 27:23, 27:92, 35:01:10, 35:04:02, 35:90, 35:150, 35:184, 35:201, 38:16, 51:56:01-51:56:02, C*02:02:23
								*13:01:01-13:01:06, 13:06, 13:12, 13:17, 13:22:01-13:23, 13:25, 13:28-13:29, 13:39, 13:43, 13:50, 13:52, 13:57, 13:60-13:61, 13:63N

								*13:02:01-13:02:14, 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, 13:53-13:56N, 13:58, 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, 54:21-54:27, 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, 55:57, 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, 56:33-56:35, 56:38N, 59:01:01:01-59:01:01:02, 59:04-59:05
								*13:02:15, 13:47, 55:39, 55:42
								*13:07N, 13:11, 15:86, 56:02, 56:10
								*13:13, 13:26, 13:51, 15:20, 15:25:01, 15:25:03, 15:36, 15:62, 15:85, 15:204, 15:240, 15:250, 35:28, 35:50, 35:162, 40:137, 48:02:01-48:02:03, 48:17, 48:25, 53:17:02
								*13:16, 13:48, 15:42, 52:25, 55:01:01-55:01:03, 55:01:05-55:01:06, 55:01:08-55:01:10, 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, 55:54-55:55N, 56:25, 56:37
								*13:18, 13:31, 13:41, 54:10, 54:16, 55:21, 55:37, 55:46, 55:56, 56:13
								*13:20
							16	*13:36
9	10	11	12	13	14	15	16	Well No.
105	90	105	145	270	300	135	95	Length of spec.
150		280	180				160	PCR product(s)
							580	
9	10	11	12	13	14	15	16	Well No.
							16	*13:62, 49:18, 51:103, 51:119
			12					*14:19, 14:27, 53:07, C*03:110, C*04:08, C*04:34, C*05:27, C*05:39, C*08:41, C*17:07
								*15:18:03, 15:73, A*02:339, C*03:12, C*03:19, C*03:102, C*15:26
						15		*15:46, 15:53, 35:47, 35:154, 40:10:01-40:10:02, 40:40, 40:49, 40:58, 40:164, 40:210, 40:219, 44:09, 44:46, 44:75, 44:90, 44:129, 47:02
						15		*15:106, 40:129
			12					*15:137, 51:107
								*15:224, 39:17, 56:04
								*35:63, 40:04, 40:59, 40:64, 40:120, 40:160:02
							16	*35:84, 53:28

								*51:23, 51:108, 52:15
								*51:62
		11						*51:106, 55:44, 55:53
								*54:28
							16	*55:01:04
								*55:01:07
							w	*56:36
							w	*73:01-73:02
9	10	11	12	13	14	15	16	Well No.