

INTERPRETATION TABLE								
HLA-B*50 SSP subtyping								
Amplification patterns of the B*50:01 to B*50:09 alleles								
	Well							
	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	1070	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	
*50:02		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			
*07:78, 54:20, 55:09	1			4			w	
*07:84, 08:09, 13:04, 13:35, 15:04, 15:16, 15:67, 15:83, 15:95, 15:155, 27:14, 35:37, 39:06:01-39:06:02, 39:33-39:34, 39:50, 39:57, 40:93, 40:96, 40:109-40:110, 41:05, 42:04, 49:04-49:05, 51:01:01-51:03, 51:05, 51:07:01-51:14, 51:16-51:22, 51:24:01-51:24:03, 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, 51:82-51:96, 52:01:01-52:14, 52:16-52:21, 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, 59:02-59:03, 73:01-73:02, 78:01-78:07	1							
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
*13:01:01-13:01:05, 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, 15:86, 44:10, 56:02, 56:10						6		

*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, 35:60, 46:11, 46:18, 49:01:02, 51:15, 54:01-54:03, 54:05N, 54:07-54:08N, 54:12-54:13, 54:17-54:19, 54:21-54:23, 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, 56:01:01-56:01:04, 56:07-56:08, 56:14, 56:16-56:17, 56:19N-56:20, 56:23-56:24, 56:26-56:29, 59:01, 59:04-59:05	1			4		6		
*13:16, 15:42, 55:01:01-55:01:06, 55:03, 55:05, 55:11, 55:15, 55:24-55:25, 55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 56:25	1			4		6	w	
*13:18, 13:31, 54:10, 54:16, 55:21, 55:37, 56:13	1			4				
*13:20						6	w	
*15:18:03, 15:73, C*03:12, C*03:19, C*15:26			3					
*15:46, 15:53, 15:106, 15:143, 18:48, 35:19, 35:47, 35:63, 40:01:01-40:05, 40:07-40:11:02, 40:14:01-40:16, 40:18, 40:20, 40:22N-40:40, 40:42-40:43, 40:45, 40:49-40:52, 40:54-40:69, 40:72:01-40:74, 40:77-40:82, 40:84-40:85, 40:87-40:92, 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, 41:02:01-41:04, 41:08, 41:10-41:11, 44:09, 44:46, 44:75, 44:90, 47:02					5			
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
*15:137	1							
*39:17, 56:04			3			6		
*40:06:01:01-40:06:03, 40:44, 40:53, 40:70, 40:75, 40:86, 40:95, 40:103, 40:127, 40:131, 41:01, 41:06-41:07, 41:09, 41:12	1				5			
*40:48, 40:71			3		5	6		
*40:83	1				5			
*44:07								
*44:15, 44:18		2		4				
*44:20, 44:47, 44:100, 51:23, 52:15		2						

*45:01, 45:03, 45:05-45:07, 45:11-45:12		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, 49:02-49:03, 49:06-49:10	1			4		6	7	
*51:62			3			6	w	
*53:07, C*04:08, C*04:34, C*05:27, C*05:39, C*17:07								
*55:39, 55:42	1					6		
HLA-B allele ⁴								
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*50:09 alleles				
Well				
9	10	11	12	
150	90	280	180	Length of spec.
				PCR product
800	800	1070	1070	Length of int.
				pos. control ¹
97	142	357	420	5'-primer ²
5'-TCC 3'	5'-TCA 3'	5'-Tgg 3'	5'-TTC 3'	
206	193	594	559	3'-primer ³
5'-CCC 3'	5'-CgC 3'	5'-CCT 3'	5'-CAg 3'	
				HLA-B allele ⁴
9	10	11	12	Well No.
				*50:01:01-50:01:02
				*50:02
				*50:04
				*50:05
9				*50:06
	10			*50:07
		11		*50:08
			12	*50:09
				*07:78, 54:20, 55:09
				*07:84, 08:09, 13:04, 13:35, 15:04, 15:16, 15:67, 15:83, 15:95, 15:155, 27:14, 35:37, 39:06:01-39:06:02, 39:33-39:34, 39:50, 39:57, 40:93, 40:96, 40:109-40:110, 41:05, 42:04, 49:04-49:05, 51:01:01-51:03, 51:05, 51:07:01-51:14, 51:16-51:22, 51:24:01-51:24:03, 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, 51:82-51:96, 52:01:01-52:14, 52:16-52:21, 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, 59:02-59:03, 73:01-73:02, 78:01-78:07
9	10	11	12	Well No.
150	90	280	180	Length of spec.
				PCR product
9	10	11	12	Well No.
				*13:01:01-13:01:05, 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, 15:86, 44:10, 56:02, 56:10

				*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, 35:60, 46:11, 46:18, 49:01:02, 51:15, 54:01-54:03, 54:05N, 54:07-54:08N, 54:12-54:13, 54:17-54:19, 54:21-54:23, 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, 56:01:01-56:01:04, 56:07-56:08, 56:14, 56:16-56:17, 56:19N-56:20, 56:23-56:24, 56:26-56:29, 59:01, 59:04-59:05
				*13:16, 15:42, 55:01:01-55:01:06, 55:03, 55:05, 55:11, 55:15, 55:24-55:25, 55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 56:25
				*13:18, 13:31, 54:10, 54:16, 55:21, 55:37, 56:13
				*13:20
				*15:18:03, 15:73, C*03:12, C*03:19, C*15:26
				*15:46, 15:53, 15:106, 15:143, 18:48, 35:19, 35:47, 35:63, 40:01:01-40:05, 40:07-40:11:02, 40:14:01-40:16, 40:18, 40:20, 40:22N-40:40, 40:42-40:43, 40:45, 40:49-40:52, 40:54-40:69, 40:72:01-40:74, 40:77-40:82, 40:84-40:85, 40:87-40:92, 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, 41:02:01-41:04, 41:08, 41:10-41:11, 44:09, 44:46, 44:75, 44:90, 47:02
9	10	11	12	Well No.
150	90	280	180	Length of spec.
				PCR product
9	10	11	12	Well No.
			12	*15:137
				*39:17, 56:04
				*40:06:01:01-40:06:03, 40:44, 40:53, 40:70, 40:75, 40:86, 40:95, 40:103, 40:127, 40:131, 41:01, 41:06-41:07, 41:09, 41:12
				*40:48, 40:71
	10			*40:83
	10			*44:07
				*44:15, 44:18
				*44:20, 44:47, 44:100, 51:23, 52:15

				*45:01, 45:03, 45:05-45:07, 45:11-45:12
			12	*45:02
				*45:04, 45:08, 45:10
				*45:09
				*47:03
				*49:01:01, 49:02-49:03, 49:06-49:10
				*51:62
			12	*53:07, C*04:08, C*04:34, C*05:27, C*05:39, C*17:07
				*55:39, 55:42
				HLA-B allele ⁴
9	10	11	12	Well No.