

*08:09, 15:83, 41:01, 41:05-41:07, 41:09, 41:12, 41:14, 41:16, 42:04, 51:01:01-51:01:18, 51:01:20-51:03, 51:05, 51:07:02, 51:09:01-51:09:02, 51:11N-51:12, 51:14, 51:18-51:19, 51:21-51:24:04, 51:26-51:30, 51:32-51:33, 51:35, 51:38-51:41N, 51:43, 51:48-51:55, 51:57-51:58, 51:60-51:61, 51:65-51:80, 51:83-51:91, 51:95-51:96, 51:98N-51:105, 52:01:01, 52:01:03, 52:01:05-52:01:06, 52:04-52:07, 52:10-52:13, 52:15-52:18, 52:20, 52:22, 54:04, 54:11, 55:17, 55:20, 55:28, 56:05:01-56:06, 56:15, 56:21, 58:08, 59:02, 78:01-78:07								8
*13:01:01-13:01:05, 13:06-13:07N, 13:11-13:12, 13:17, 13:22:01-13:22:02, 13:25, 13:28-13:29, 13:36, 13:39, 15:86, 40:48, 40:71, 56:02, 56:04, 56:10						6		
*13:02:01-13:02:05, 13:02:07-13:02:09, 13:08Q-13:09, 13:14, 13:19, 13:27, 13:30, 13:32-13:34, 13:37-13:38, 13:40, 55:22					5	6		8
*13:02:06					5	6		
*13:03, 35:60, 46:11, 46:18, 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, 55:26, 55:30, 55:34-55:35, 55:41, 55:43, 55:47-55:48, 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					5	6		8
Well No.	1	2	3	4	5	6	7	8
Length of spec.	145	145	145	170	105	160	105	70
PCR product(s)		255		205				
Well No.	1	2	3	4	5	6	7	8
*13:04, 15:04, 15:16, 15:67, 15:95, 15:137, 15:155, 39:06:01-39:06:02, 39:33-39:34, 39:57, 39:62, 51:13:01-51:13:02, 51:37, 51:63, 51:92, 52:14, 54:14, 55:13, 55:23, 55:32, 56:22, 59:03							7	8

*13:15				4	5	6		8
*13:16, 55:24					5	6		8
*13:18					5			8
*13:20, 39:17, 50:12						6		
*13:23		2				6		
*15:42, 55:01:01-55:01:06, 55:03, 55:05, 55:11, 55:15, 55:25, 55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 55:45, 56:25, 56:30					5	6		8
*15:46, 15:53, 15:106, 35:47, 40:10:01-40:10:02, 40:40, 40:49, 40:129, 44:02:13, 44:09, 44:11, 44:46, 44:75, 44:90, 47:01:01:01-47:03, 47:05-47:07								
*18:04, 40:01:11				4				
*18:09, 27:01, 37:10, 58:13		2						
*35:37, 45:02, 45:09, 50:09							7	
*39:50, 40:86, 73:01-73:02							7	8
*40:13, 40:19, 40:117	1							
*40:47, 40:157, 44:55, 44:103		2	3					
*40:58				4				
*40:96		2	3					8
*40:109	1							8
*40:110			3					8
Well No.	1	2	3	4	5	6	7	8
Length of spec.	145	145	145	170	105	160	105	70
PCR product(s)		255		205				
Well No.	1	2	3	4	5	6	7	8
*44:02:01:01-44:02:09, 44:02:11-44:02:12, 44:02:14-44:05:02, 44:12-44:14, 44:16-44:17, 44:19N, 44:21-44:24, 44:26-44:33, 44:35-44:39, 44:41-44:43:02, 44:45, 44:48, 44:51-44:54, 44:56N, 44:58N-44:59, 44:61N-44:74, 44:76-44:80, 44:82, 44:84-44:89, 44:91-44:94, 44:96-44:99, 44:101-44:102, 44:104-44:110, 44:112-44:115, 47:04			3					
*44:02:10, 44:34			3	4				
*44:07, 44:49, 44:81, 44:111			3					
*44:10			3			6		
*44:15		2	3		5			
*44:18	1				5			
*44:20, 44:47, 44:100			3					8
*44:25, 44:95	1							
*44:50	1							

*45:01, 45:03-45:08, 45:11-45:13					5			
*45:10					5			
*50:01:01-50:02, 50:04-50:08, 50:10-50:11					5	6		
*51:07:01, 52:01:02, 52:01:04, 52:02-52:03, 52:09, 52:21				4				8
*51:08, 51:20, 51:36, 51:44N, 52:19								8
*51:62				4		6		
*51:97							7	8
*51:106				4		6		8
*54:10, 55:37					5			8
*54:16, 54:20, 55:21, 55:46, 56:13					5			8
*55:39, 55:42						6		8
*55:44						6		8
HLA-B allele								
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE

HLA-B*49 SSP subtyping

Amplification patterns of the B*49:01 to B*49:15 alleles

Well ⁵								
9	10	11	12	13	14	15	16	
245	250	505	135	150	190	160	135	Length of spec.
						290		PCR product(s)
								Length of int.
1070	800	1070	1070	1070	1070	1070	1070	pos. control ¹
357	357	317	97	420	357	357	176	5'-primer ²
5' -Tgg 3'	5' -Tgg 3'	5' -gCT 3'	5' -TCT 3'	5' -TTA 3'	5' -Tgg 3'	5' -Tgg 3'	5' -gAC 3'	
559	565	538	193	527	505	476	272	3'-primer(s) ³
5' -CTC 3'	5' -CAg 3'	5' -gTC 3'	5' -CgT 3'	5' -CCA 3'	5' -gCT 3'	5' -CCC 3'	5' -Tgg 3'	
						608		
						5' -gCT 3'		
9	10	11	12	13	14	15	16	Well No.
								HLA-B allele
								*49:01:01-49:01:02
								*49:02
								*49:03
								*49:04
								*49:05
								*49:06
9								*49:07
	10							*49:08
								*49:09
			12					*49:10
				13				*49:11
					14			*49:12
						15		*49:13, 49:14 ⁴
							16	*49:15
9								*07:78, 13:31, 55:09
9								*07:84, 13:35, 27:14, 40:06:01:01- 40:06:03, 40:44, 40:53, 40:70, 40:75, 40:83, 40:93, 40:95, 40:103, 40:127, 40:131, 40:148, 51:10, 51:16, 51:31, 51:34, 51:82, 51:93, 52:08
9	10	11	12	13	14	15	16	Well No.
245	250	505	135	150	190	160	135	Length of spec.
						290		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
		11						*08:03, 08:52, 44:06, 53:22, 57:09, 57:24

								*08:09, 15:83, 41:01, 41:05-41:07, 41:09, 41:12, 41:14, 41:16, 42:04, 51:01:01-51:01:18, 51:01:20-51:03, 51:05, 51:07:02, 51:09:01-51:09:02, 51:11N-51:12, 51:14, 51:18-51:19, 51:21-51:24:04, 51:26-51:30, 51:32-51:33, 51:35, 51:38-51:41N, 51:43, 51:48-51:55, 51:57-51:58, 51:60-51:61, 51:65-51:80, 51:83-51:91, 51:95-51:96, 51:98N-51:105, 52:01:01, 52:01:03, 52:01:05-52:01:06, 52:04-52:07, 52:10-52:13, 52:15-52:18, 52:20, 52:22, 54:04, 54:11, 55:17, 55:20, 55:28, 56:05:01-56:06, 56:15, 56:21, 58:08, 59:02, 78:01-78:07
				13				*13:01:01-13:01:05, 13:06-13:07N, 13:11-13:12, 13:17, 13:22:01-13:22:02, 13:25, 13:28-13:29, 13:36, 13:39, 15:86, 40:48, 40:71, 56:02, 56:04, 56:10
9				13				*13:02:01-13:02:05, 13:02:07-13:02:09, 13:08Q-13:09, 13:14, 13:19, 13:27, 13:30, 13:32-13:34, 13:37-13:38, 13:40, 55:22
9				13				*13:02:06
				13				*13:03, 35:60, 46:11, 46:18, 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, 55:26, 55:30, 55:34-55:35, 55:41, 55:43, 55:47-55:48, 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
9	10	11	12	13	14	15	16	Well No.
245	250	505	135	150	190	160	135	Length of spec.
						290		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
								*13:04, 15:04, 15:16, 15:67, 15:95, 15:137, 15:155, 39:06:01-39:06:02, 39:33-39:34, 39:57, 39:62, 51:13:01-51:13:02, 51:37, 51:63, 51:92, 52:14, 54:14, 55:13, 55:23, 55:32, 56:22, 59:03

9				13				*13:15
9								*13:16, 55:24
9				w				*13:18
								*13:20, 39:17, 50:12
				13				*13:23
								*15:42, 55:01:01-55:01:06, 55:03, 55:05, 55:11, 55:15, 55:25, 55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 55:45, 56:25, 56:30
			12					*15:46, 15:53, 15:106, 35:47, 40:10:01-40:10:02, 40:40, 40:49, 40:129, 44:02:13, 44:09, 44:11, 44:46, 44:75, 44:90, 47:01:01:01-47:03, 47:05-47:07
								*18:04, 40:01:11
								*18:09, 27:01, 37:10, 58:13
								*35:37, 45:02, 45:09, 50:09
9								*39:50, 40:86, 73:01-73:02
								*40:13, 40:19, 40:117
			12					*40:47, 40:157, 44:55, 44:103
9								*40:58
9								*40:96
9								*40:109
9			12					*40:110
9	10	11	12	13	14	15	16	Well No.
245	250	505	135	150	190	160	135	Length of spec.
						290		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
			12					*44:02:01:01-44:02:09, 44:02:11-44:02:12, 44:02:14-44:05:02, 44:12-44:14, 44:16-44:17, 44:19N, 44:21-44:24, 44:26-44:33, 44:35-44:39, 44:41-44:43:02, 44:45, 44:48, 44:51-44:54, 44:56N, 44:58N-44:59, 44:61N-44:74, 44:76-44:80, 44:82, 44:84-44:89, 44:91-44:94, 44:96-44:99, 44:101-44:102, 44:104-44:110, 44:112-44:115, 47:04
			12					*44:02:10, 44:34
								*44:07, 44:49, 44:81, 44:111
			12	13				*44:10
								*44:15
		11						*44:18
			12					*44:20, 44:47, 44:100
		11	12					*44:25, 44:95
			12					*44:50

								*45:01, 45:03-45:08, 45:11-45:13
9								*45:10
								*50:01:01-50:02, 50:04-50:08, 50:10-50:11
		11						*51:07:01, 52:01:02, 52:01:04, 52:02-52:03, 52:09, 52:21
								*51:08, 51:20, 51:36, 51:44N, 52:19
								*51:62
		11						*51:97
								*51:106
				w				*54:10, 55:37
								*54:16, 54:20, 55:21, 55:46, 56:13
				13				*55:39, 55:42
								*55:44
								HLA-B allele
9	10	11	7	8	9	10	11	Well No.