

Interpretation Table

HLA-B*45 SSP subtyping

Amplification patterns of the B*45:01 to 45:14 alleles.

	Well							
	1	2	3	4	5	6	7	8
Length of spec.	255	145	160	160	195	255	230	105
PCR product								
Length of int.	800	1070	800	800	800	1070	1070	1070
pos. control ¹								
5'-primer(s) ²	357	206	420	416	420	357	357	206
	5'-Tgg 3'	5'-gAA 3'	5'-TTA 3'	5'-CCg 3'	5'-TTC 3'	5'-Tgg 3'	5'-Tgg 3'	5'-gAA 3'
				662				
				5'-CCg 3'				
3'-primer(s) ³	572	311	538	538	572	572	545	272
	5'-gCg 3'	5'-ggT 3'	5'-gTC 3'	5'-gTC 3'	5'-gCg 3'	5'-gCC 3'	5'-AgA 3'	5'-TgT 3'
				774				
				5'-ggT 3'				
Well No.	1	2	3	4	5	6	7	8
HLA-B allele ⁴								
*45:01	1	2	3					
*45:02	1	2			5			
*45:03	1	2		4				
*45:04		2	3			6		
*45:05	1	2	3				7	
*45:06	1	2	3					8
*45:07	1	2	3	4				
*45:08		2	3			6		
*45:09	1	2						
*45:10		2	3			6		
*45:11	1	2	3					
*45:12	1	2	3					
*45:13	1	2	3					
*45:14	1	2	3					
*07:20, 07:140, 07:153, 15:14, 15:91, 15:131, 15:161, 35:45, 35:71, 35:169, 44:10, 44:14, 44:31, 44:43:01-44:43:02, 44:45, 44:51, 44:62, 44:77, 44:82, 44:107, 44:123, 44:135, 46:17, 57:07, 58:07								
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	145	160	160	195	255	230	105
PCR product								
Well No.	1	2	3	4	5	6	7	8

*07:78, 07:84, 13:02:01-13:02:15, 13:08Q-13:09, 13:14-13:16, 13:18- 13:19, 13:27, 13:30-13:35, 13:37-13:38, 13:40-13:42, 13:44-13:45, 13:47, 13:49N, 13:54-13:56N, 13:58-13:59, 27:14, 27:81, 39:50, 40:93, 40:96, 40:109-40:110, 49:07, 51:10, 51:16, 51:31, 51:34, 51:82, 51:93, 52:08, 54:26, 55:09, 55:22, 55:24, 73:01-73:02						6		
*07:133, 40:166, 44:90		2						8
*08:09, 08:84, 13:46, 13:53, 15:42, 15:83, 35:60, 39:06:01-39:06:02, 39:34, 39:57, 39:62, 39:64, 41:05, 42:04, 46:18, 51:21, 51:36, 51:101, 51:143, 54:01:01-54:02, 54:04-54:05N, 54:07- 54:08N, 54:10-54:25, 54:27-54:28, 55:01:01-55:01:06, 55:01:08-55:03, 55:05, 55:07, 55:10-55:13, 55:15-55:21, 55:23, 55:25-55:48, 55:50, 55:52- 55:55N, 55:57, 56:23, 59:01:01:01- 59:03, 59:05, 78:07						6		
*08:28, 08:35, 08:37, 08:89, 15:51, 15:179, 15:199, 15:218Q, 35:115, 37:35, 42:09, 57:24, C*07:68, C*07:140, C*07:151								
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	145	160	160	195	255	230	105
PCR product								
Well No.	1	2	3	4	5	6	7	8

*13:03-13:04, 13:48, 13:62, 15:04, 15:16:01-15:16:03, 15:67, 15:95, 15:137, 15:155, 15:222, 15:254, 35:37, 39:33, 46:11, 46:32, 49:01:01-49:06, 49:08-49:19N, 49:21-49:25, 50:06, 51:01:01-51:03, 51:05, 51:07:01-51:09:02, 51:11N-51:15, 51:17-51:20, 51:22, 51:24:01-51:24:04, 51:26-51:30, 51:32-51:33, 51:35, 51:37-51:41N, 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, 51:83-51:92, 51:94-51:96, 51:98N-51:100, 51:102-51:107, 51:109-51:134, 51:136-51:138, 51:140-51:142, 51:144-51:147, 52:01:01:01-52:07, 52:09-52:14, 52:16-52:31, 54:03, 56:01:01-56:01:04, 56:05:01-56:08, 56:14-56:17, 56:19N-56:22, 56:24-56:30, 56:33-56:38N, 58:08:01-58:08:02, 59:04, 78:01:01-78:06						6		
*15:46, 15:53, 15:106, 15:143, 15:212, 18:48, 35:19, 35:47, 35:63, 35:217, 39:69, 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, 40:48-40:52, 40:54-40:69, 40:71-40:74, 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, 40:133Q-40:136, 40:138-40:147, 40:149-40:156, 40:158, 40:160:01-40:160:02, 40:163-40:164, 40:168-40:176, 40:179-40:184, 40:186-40:187, 40:189, 40:191-40:200, 40:202-40:207, 40:210-40:226, 41:02:01-41:04, 41:08, 41:10-41:11, 41:13, 41:15, 41:18-41:19, 41:23, 44:09, 44:46, 44:75, 44:129, 44:131, 47:02, 50:12, 50:17		2						
Well No.	1	2	3	4	5	6	7	8
Length of spec.	255	145	160	160	195	255	230	105
PCR product								
Well No.	1	2	3	4	5	6	7	8
*18:56, 44:17, 53:22								

Interpretation Table							
HLA-B*45 SSP subtyping							
Amplification patterns of the B*45:01 to 45:14 alleles.							
Well							
9	10	11	12	13	14	15	
245	160	245	205	300	200	205	Length of spec. PCR product
1070	1070	1070	1070	800	1070	1070	Length of int. pos. control ¹
357	419	357	357	397	850	409	5'-primer(s) ²
5'-Tgg 3'	5'-gTC 3'	5'-Tgg 3'	5'-Tgg 3'	5'-gCT 3'	5'-gCT 3'	5'-ggC 3'	
559	538	559	523	3 rd I	916	572	3'-primer(s) ³
5'-CgT 3'	5'-gTC 3'	5'-CTC 3'	5'-ACA 3'	5'-TAT 3'	5'-gAT 3'	5'-gCg 3'	
9	10	11	12	13	14	15	Well No. HLA-B allele ⁴
							*45:01
							*45:02
							*45:03
							*45:04
							*45:05
							*45:06
							*45:07
9							*45:08
	10					15	*45:09
		11					*45:10
			12				*45:11
				13			*45:12
					14		*45:13
						15	*45:14
						15	*07:20, 07:140, 07:153, 15:14, 15:91, 15:131, 15:161, 35:45, 35:71, 35:169, 44:10, 44:14, 44:31, 44:43:01-44:43:02, 44:45, 44:51, 44:62, 44:77, 44:82, 44:107, 44:123, 44:135, 46:17, 57:07, 58:07
9	10	11	12	13	14	15	Well No.
245	160	245	205	300	200	205	Length of spec. PCR product
9	10	11	12	13	14	15	Well No.

		11					*07:78, 07:84, 13:02:01-13:02:15, 13:08Q-13:09, 13:14-13:16, 13:18-13:19, 13:27, 13:30-13:35, 13:37-13:38, 13:40-13:42, 13:44-13:45, 13:47, 13:49N, 13:54-13:56N, 13:58-13:59, 27:14, 27:81, 39:50, 40:93, 40:96, 40:109-40:110, 49:07, 51:10, 51:16, 51:31, 51:34, 51:82, 51:93, 52:08, 54:26, 55:09, 55:22, 55:24, 73:01-73:02
							*07:133, 40:166, 44:90
9							*08:09, 08:84, 13:46, 13:53, 15:42, 15:83, 35:60, 39:06:01-39:06:02, 39:34, 39:57, 39:62, 39:64, 41:05, 42:04, 46:18, 51:21, 51:36, 51:101, 51:143, 54:01:01-54:02, 54:04-54:05N, 54:07-54:08N, 54:10-54:25, 54:27-54:28, 55:01:01-55:01:06, 55:01:08-55:03, 55:05, 55:07, 55:10-55:13, 55:15-55:21, 55:23, 55:25-55:48, 55:50, 55:52-55:55N, 55:57, 56:23, 59:01:01:01-59:03, 59:05, 78:07
	10						*08:28, 08:35, 08:37, 08:89, 15:51, 15:179, 15:199, 15:218Q, 35:115, 37:35, 42:09, 57:24, C*07:68, C*07:140, C*07:151
9	10	11	12	13	14	15	Well No.
245	160	245	205	300	200	205	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.

							<p>*13:03-13:04, 13:48, 13:62, 15:04, 15:16:01-15:16:03, 15:67, 15:95, 15:137, 15:155, 15:222, 15:254, 35:37, 39:33, 46:11, 46:32, 49:01:01-49:06, 49:08-49:19N, 49:21-49:25, 50:06, 51:01:01-51:03, 51:05, 51:07:01-51:09:02, 51:11N-51:15, 51:17-51:20, 51:22, 51:24:01-51:24:04, 51:26-51:30, 51:32-51:33, 51:35, 51:37-51:41N, 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, 51:83-51:92, 51:94-51:96, 51:98N-51:100, 51:102-51:107, 51:109-51:134, 51:136-51:138, 51:140-51:142, 51:144-51:147, 52:01:01:01-52:07, 52:09-52:14, 52:16-52:31, 54:03, 56:01:01-56:01:04, 56:05:01-56:08, 56:14-56:17, 56:19N-56:22, 56:24-56:30, 56:33-56:38N, 58:08:01-58:08:02, 59:04, 78:01:01-78:06</p>
							<p>*15:46, 15:53, 15:106, 15:143, 15:212, 18:48, 35:19, 35:47, 35:63, 35:217, 39:69, 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, 40:48-40:52, 40:54-40:69, 40:71-40:74, 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, 40:133Q-40:136, 40:138-40:147, 40:149-40:156, 40:158, 40:160:01-40:160:02, 40:163-40:164, 40:168-40:176, 40:179-40:184, 40:186-40:187, 40:189, 40:191-40:200, 40:202-40:207, 40:210-40:226, 41:02:01-41:04, 41:08, 41:10-41:11, 41:13, 41:15, 41:18-41:19, 41:23, 44:09, 44:46, 44:75, 44:129, 44:131, 47:02, 50:12, 50:17</p>
9	10	11	12	13	14	15	Well No.
245	160	245	205	300	200	205	Length of spec.
							PCR product
9	10	11	12	13	14	15	Well No.
	10					15	*18:56, 44:17, 53:22

