

INTERPRETATION TABLE

HLA-C*15 SSP subtyping

Amplification patterns of the HLA-C*15:02 to 15:28 alleles

	Well ⁵						
	1	2	3	4	5	6	7
Length of spec.	325	175	70	315	100	305	140
PCR product			195			345	
						370	
Length of int.	800	1070	1070	1070	1070	1070	800
pos. control ¹							
5'-primer ²	409	134	134	419	420	355	201
	5' -ggC 3'	5' -CCA 3'	5' -CCA 3'	5' -gTC 3'	5' -TTC 3'	5' -CCC 3'	5' -CCA 3'
						379	
						5' -ACg 3'	
						419	
						5' -gTA 3'	
3'-primer ³	3 rd I	270	164	3 rd I	477	3 rd I	302
	5' -CTC 3'	5' -TAg 3'	5' -gCA 3'	5' -CTC 3'	5' -gCg 3'	5' -ggA 3'	5' -ggC 3'
			289				302
			5' -AgC 3'				5' -ggC 3'
Well No.	1	2	3	4	5	6	7
HLA-C allele ⁴							
*15:02:01-15:02:05	1	2					
*15:03	1	2	3				
*15:04		2		4			
*15:05:01-15:05:04	1	2			5		
*15:06:01-15:06:02	1	2				6	
*15:07	1	2					7
*15:08	1	2					
*15:09	1	2		4			
*15:10:01-15:10:02	1						
*15:11	1						
*15:12	1	2					
*15:13	1	2					
*15:15	1	2					
*15:16	1		3				
*15:17	1						
*15:18	1	2					
Well No.	1	2	3	4	5	6	7

Length of spec.	325	175	70	315	100	305	140
PCR product			195			345	
						370	
Well No.	1	2	3	4	5	6	7
*15:19	1	2		4			
*15:20	1			4			
*15:21	1	2					7
*15:22	1	2			5	6	
*15:23	1	2			5		
*15:24	1	2					
*15:25			w				7
*15:26	1	2				6	
*15:27	1			4			
*15:28	1	2	3				
*01:04, 02:21, 02:26:01-02:26:02, 06:02:01:01-06:02:01:02, 06:02:03-06:04, 06:06-06:08, 06:10-06:27, 06:29-06:33, 06:35-06:37, 07:01:01-07:02:08, 07:02:10-07:03, 07:05-07:06, 07:08, 07:10, 07:14-07:19, 07:21-07:27:02, 07:30-07:33N, 07:35-07:40, 07:42-07:44, 07:46-07:62, 07:65-07:72, 07:74-07:91, 07:93-07:95, 07:97-07:99, 14:18				4			
*01:21, 14:03				4			7
*02:02:01-02:02:03, 02:02:05-02:05, 02:09-02:11, 02:13-02:18, 02:20, 02:24-02:25Q, 02:28-02:35, 06:05				4			
*02:06	1						
*02:07, 02:19, 02:22							
*02:08				4			
*02:12			w	4			7
*02:23	1						
*02:27				4			7
*02:36	1			4			
*03:02:01-03:02:06, 03:14, 03:16, 03:33, 03:36, 03:40, 03:42-03:43:02, 03:60, 03:71, 03:84				4			

Well No.	1	2	3	4	5	6	7
Length of spec.	325	175	70	315	100	305	140
PCR product			195			345	
						370	
Well No.	1	2	3	4	5	6	7
*03:03:01-03:04:16, 03:04:18-03:06, 03:09-03:11:02, 03:13, 03:17, 03:20N-03:26, 03:28, 03:30, 03:32, 03:34-03:35, 03:37, 03:41, 03:44, 03:46-03:59, 03:61-03:63, 03:65-03:66, 03:68, 03:70, 03:72-03:80, 03:82-03:83							
*03:08, 03:31		2					
*03:12, 03:19							
*03:15			3	4			
*03:18, 04:01:01:01-04:01:02, 04:01:04-04:01:16, 04:04:01-04:05, 04:07-04:10, 04:12-04:15:02, 04:17-04:20, 04:23-04:28, 04:30-04:35, 04:37-04:41, 04:43-04:51, 04:53, 04:56-04:62, 05:01:01:01-05:01:13, 05:03, 05:05-05:25, 05:27-05:35, 05:37-05:42, 08:10, 17:01:01:01-17:06							
*03:27, 03:38:01-03:38:02, 03:69			w				
*03:29		2					
*03:64							
*03:81	1						
*04:03, 04:06			3				
*04:11, 04:29, 04:36, 08:01:01-08:08, 08:12-08:13, 08:15-08:31, 12:31, 16:10							7
*04:16			3				
*04:42, 05:26							
*04:52							
Well No.	1	2	3	4	5	6	7
Length of spec.	325	175	70	315	100	305	140
PCR product			195			345	
						370	
Well No.	1	2	3	4	5	6	7

*04:54, 05:04, 06:28, 07:64, 07:73, 07:92, 12:03:04, 12:03:09, 12:04:01-12:05, 12:09, 12:21, 12:27, 12:33, 14:02:01-14:02:02, 14:02:04, 14:04-14:07N, 14:09, 14:11- 14:17, 14:19, 16:01:02, 16:02:01-16:02:04, 16:09, 16:12, 16:19				4			
*04:55							7
*05:36							
*07:02:09, 12:16				4			7
*07:07, 07:09				4			
*07:20		2	w	4			
*07:96		2	w	4			
*08:09, 08:11, 12:02:01- 12:03:03, 12:03:05-12:03:08, 12:03:10-12:03:11, 12:06- 12:08, 12:10:01-12:14:02, 12:17- 12:20, 12:22-12:26, 12:28- 12:30, 12:32, 12:34-12:35, 14:02:03, 14:08, 16:01:01, 16:01:03-16:01:04, 16:04:01, 16:06-16:08, 16:11, 16:13-16:18				4			7
*08:14, B*35:08:02, B*67:02							7
*12:15	1						7
*14:10				4			7
*16:20	1			4			7
*16:21				4			7
B*07:78, B*13:18, B*13:31, B*15:73, B*54:10, B*54:20, B*55:09, B*55:21, B*55:37 B*46:11, B*46:18, B*56:08, B*56:14							
Well No.	1	2	3	4	5	6	7

INTERPRETATION TABLE								
HLA-C*15 SSP subtyping								
Amplification patterns of the HLA-C*15:02								
Well ⁵								
8	9	10	11	12	13	14	15	16
160	135	170	315	100	125	130	85	90
185	305			240	185	440		165
1070	1070	1070	800	1070	1070	800	1070	1070
125	97	1 st	420	105	201	270	270	261
5' -CgA 3'	5' -TCg 3'	5' -CgA 3'	5' -TTA 3'	5' -gCT 3'	5' -CCA 3'	5' -AAg 3'	5' -AAC 3'	5' -AAC 3'
420	118				2 nd	757		560
5' -TTA 3'	5' -CCA 3'				5' -CCA 3'	5' -CCC 3'		5' -CCT 3'
	430							
	5' -ACC 3'							
270	201	134	3 rd	164	343	420	312	312
5' -TAg 3'	5' -CTT 3'	5' -AgC 3'	5' -CTC 3'	5' -gCA 3'	5' -T 3'	5' -gCT 3'	5' -AgT 3'	5' -AgT 3'
539	3 rd			302	412	846		3 rd
5' -TCC 3'	5' -CTC 3'			5' -ggC 3'	5' -gTT 3'	5' -CAC 3'		5' -ggA 3'
				302				
				5' -ggC 3'				
8	9	10	11	12	13	14	15	16
			11				15	
			11				15	
							15	
							15	
			11	12				
8			11				15	
							15	
		10	11				15	
	9		11			14		
			11		13		15	
			11			14	15	
			11				15	16
			11			14		
			11			14		
	9		11				15	
8	9	10	11	12	13	14	15	16

160	135	170	315	100	125	130	85	90
185	305			240	185	440		165
8	9	10	11	12	13	14	15	16
8							15	
			11	12			15	
							15	
	9						15	
					13		15	
				12				
			11				15	
								16
			11	12			15	
	9							
8	9		11			14		
	9							
	9	10						
	9			12				
	9							
	9			12				
	9							
				12				

8	9	10	11	12	13	14	15	16
160	135	170	315	100	125	130	85	90
185	305			240	185	440		165
8	9	10	11	12	13	14	15	16
				12				
				12				
			11	12		14		
		10						
				12				
				12			15	
		10		12				
				12				
	9							
		10						
	9	10						
		10			13			
8	9	10	11	12	13	14	15	16
160	135	170	315	100	125	130	85	90
185	305			240	185	440		165
8	9	10	11	12	13	14	15	16

		10						
		10			13			
		10					15	
	9							
							15	
				12				
		10						
8		10	11			14		
					13			
		10						
	9	10						
w								
						14		
8	9	10	11	12	13	14	15	16

LE
g
to 15:28 alleles
Length of spec. PCR product
Length of int. pos. control¹
5'-primer²
3'-primer³
Well No.
HLA-C allele⁴
*15:02:01-15:02:05
*15:03
*15:04
*15:05:01-15:05:04
*15:06:01-15:06:02
*15:07
*15:08
*15:09
*15:10:01-15:10:02
*15:11
*15:12
*15:13
*15:15
*15:16
*15:17
*15:18
Well No.

Length of spec. PCR product
Well No.
*15:19
*15:20
*15:21
*15:22
*15:23
*15:24
*15:25
*15:26
*15:27
*15:28
*01:04, 02:21, 02:26:01-02:26:02, 06:02:01:01-06:02:01:02, 06:02:03-06:04, 06:06-06:08, 06:10-06:27, 06:29-06:33, 06:35-06:37, 07:01:01-07:02:08, 07:02:10-07:03, 07:05-07:06, 07:08, 07:10, 07:14-07:19, 07:21-07:27:02, 07:30-07:33N, 07:35-07:40, 07:42-07:44, 07:46-07:62, 07:65-07:72, 07:74-07:91, 07:93-07:95, 07:97-07:99, 14:18
*01:21, 14:03
*02:02:01-02:02:03, 02:02:05-02:05, 02:09-02:11, 02:13-02:18, 02:20, 02:24-02:25Q, 02:28-02:35, 06:05
*02:06
*02:07, 02:19, 02:22
*02:08
*02:12
*02:23
*02:27
*02:36
*03:02:01-03:02:06, 03:14, 03:16, 03:33, 03:36, 03:40, 03:42-03:43:02, 03:60, 03:71, 03:84

Well No.
Length of spec.
PCR product
Well No.
*03:03:01-03:04:16, 03:04:18-03:06, 03:09-03:11:02, 03:13, 03:17, 03:20N-03:26, 03:28, 03:30, 03:32, 03:34-03:35, 03:37, 03:41, 03:44, 03:46-03:59, 03:61-03:63, 03:65-03:66, 03:68, 03:70, 03:72-03:80, 03:82-03:83
*03:08, 03:31
*03:12, 03:19
*03:15
*03:18, 04:01:01:01-04:01:02, 04:01:04-04:01:16, 04:04:01-04:05, 04:07-04:10, 04:12-04:15:02, 04:17-04:20, 04:23-04:28, 04:30-04:35, 04:37-04:41, 04:43-04:51, 04:53, 04:56-04:62, 05:01:01:01-05:01:13, 05:03, 05:05-05:25, 05:27-05:35, 05:37-05:42, 08:10, 17:01:01:01-17:06
*03:27, 03:38:01-03:38:02, 03:69
*03:29
*03:64
*03:81
*04:03, 04:06
*04:11, 04:29, 04:36, 08:01:01-08:08, 08:12-08:13, 08:15-08:31, 12:31, 16:10
*04:16
*04:42, 05:26
*04:52
Well No.
Length of spec.
PCR product
Well No.

*04:54, 05:04, 06:28, 07:64, 07:73, 07:92, 12:03:04, 12:03:09, 12:04:01-12:05, 12:09, 12:21, 12:27, 12:33, 14:02:01-14:02:02, 14:02:04, 14:04-14:07N, 14:09, 14:11- 14:17, 14:19, 16:01:02, 16:02:01-16:02:04, 16:09, 16:12, 16:19
*04:55
*05:36
*07:02:09, 12:16
*07:07, 07:09
*07:20
*07:96
*08:09, 08:11, 12:02:01- 12:03:03, 12:03:05-12:03:08, 12:03:10-12:03:11, 12:06- 12:08, 12:10:01-12:14:02, 12:17- 12:20, 12:22-12:26, 12:28- 12:30, 12:32, 12:34-12:35, 14:02:03, 14:08, 16:01:01, 16:01:03-16:01:04, 16:04:01, 16:06-16:08, 16:11, 16:13-16:18
*08:14, B*35:08:02, B*67:02
*12:15
*14:10
*16:20
*16:21
B*07:78, B*13:18, B*13:31, B*15:73, B*54:10, B*54:20, B*55:09, B*55:21, B*55:37 B*46:11, B*46:18, B*56:08, B*56:14
Well No.