

INTERPRETATION TABLE

HLA-C*03 SSP subtyping

Amplification patterns of the C*03:02 to C*03:102 alleles

	Well ⁹																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	280	210	280	275	275	90	110	250	240	250	145	260	80	210	135	150	100	165	105	165	220	195	90	200
PCR product(s)						215	185				415		140					225	260	255		240	260	
Length of int. pos. control ¹	800	1070	800	1070	1070	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	800	1070	1070
5'-primer(s) ²	5'-gCT ^{3'} 105	5'-gTC ^{3'} 419	5'-gCT ^{3'} 105	5'-TCA ^{3'} 355	5'-CCC ^{3'} 355	5'-TgT ^{3'} 413	5'-CCg ^{3'} 201	5'-CTA ^{3'} 374	5'-gCT ^{3'} 105	5'-gCT ^{3'} 105	5'-TCA ^{3'} 28	5'-gga ^{3'} 126	5'-AgT ^{3'} 361	5'-TTA ^{3'} 420	5'-gCT ^{3'} 105	5'-CCg ^{3'} 201	5'-CCT ^{3'} 19	5'-gCA ^{3'} 406	5'-gCT ^{3'} 105	5'-CAA ^{3'} 86	5'-gCA ^{3'} 395	5'-CCA ^{3'} 134	5'-gTC ^{3'} 368	5'-TCA ^{3'} 355
						5'-gTg ^{3'} 539		5'-ACC ^{3'} 379			5'-CAA ^{3'} 485		5'-gTC ^{3'} 419				5'-TgT ^{3'} 3 ¹⁹	5'-AgA ^{3'} 436		5'-CTT ^{3'} 467	5'-TTC ^{3'} 420	5'-CCA ^{3'} 134	5'-gCg ^{3'} 539	
																		5'-Tga ^{3'} 463				5'-ACA ^{3'} 391		
3'-primer(s) ³	5'-C ^{3'} 343	5'-CTT ^{3'} 589	5'-T ^{3'} 343	5'-CTT ^{3'} 589	5'-CTT ^{3'} 589	5'-CTT ^{3'} 589	5'-TAG ^{3'} 270	5'-CTT ^{3'} 589	5'-ggT ^{3'} 302	5'-AgT ^{3'} 312	5'-TAG ^{3'} 270	5'-T ^{3'} 343	5'-AgA ^{3'} 459	5'-CTT ^{3'} 589	5'-CTC ^{3'} 201	5'-AgT ^{3'} 312	5'-ggC ^{3'} 70	5'-CTT ^{3'} 589	5'-ACC ^{3'} 167	5'-ggC ^{3'} 302	5'-CTT ^{3'} 589	5'-AgC ^{3'} 289	5'-CTT ^{3'} 589	5'-CTT ^{3'} 514
				5'-CTT ^{3'} 589			5'-T ^{3'} 343				5'-CTT ^{3'} 589						5'-CAC ^{3'} 662		5'-AgC ^{3'} 323	5'-CTT ^{3'} 589		5'-AgC ^{3'} 289	5'-CCC ^{3'} 515	
																						5'-CTT ^{3'} 589		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Length of spec.	280	210	280	275	275	90	110	250	240	250	145	260	80	210	135	150	100	165	105	165	220	195	90	200	
PCR product(s)						215	185				415		140					225	195	260	255		240	260	
HLA-C* allele ⁴																									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
*03:02:01-03:02:06	1	2											13		15										
*03:03:01-03:03:11, 03:03:13			3	4			7								15										
*03:03:12			3	4			7					12			15										
*03:04:01-03:04:19	1			4											15										
*03:05	1				5										15										
*03:06	1			4		6									15										
*03:07	1			4					9	10					15	16									
*03:08	1			4			7					11			15										
*03:09	1			4				8							15										
*03:10	1			4						10					15	16									
*03:11:01			3	4			7					12			15										
*03:11:02			3	4			7								15										
*03:12			3	4			7							14	15										
*03:13			3		5		7								15										
*03:14	1	2		4											15										
*03:15	1	2							9	10			13		15	16							22		
*03:16	1												13		15										
*03:17	1				5								13		15										
*03:18				4			7					12													
*03:19	1			4										14	15										
*03:20N			3	4			7								15		17								
*03:21			3	4		6	7								15										
*03:22Q			3	4			7	8							15										
*03:23	1			4											15		18								
*03:24	1			4											15			19							
*03:25	1				5										15				20						
*03:26	1			4											15						21				
*03:27	1				5										15							22			
*03:28, 03:90 ⁵	1			4											15								23		
*03:29	1			4			7			10	11				15	16									
*03:30			3	4			7								15									24	
*03:31			3	4			7				11				15										
*03:32	1			4											15										
*03:33	1	2											13		15			19							
*03:34	1			4											15										
*03:35	1				5										15										
*03:36	1	2											13		15										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Length of spec.	280	210	280	275	275	90	110	250	240	250	145	260	80	210	135	150	100	165	105	165	220	195	90	200	
PCR product(s)						215	185				415		140					225	195	260	255		240	260	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
*03:37	1			4											15										
*03:38:01-03:38:02	1			4											15							22			
*03:39				4			7					12													
*03:40	1	2		4									13		15										
*03:41	1														15										
*03:42	1	2		4				8					13		15										
*03:43:01		2	3	4			7						13		15										
*03:43:02		2	3	4			7								15										
*03:44	1			4											15										
*03:45	1			4					9	10					15	16									
*03:46	1			4											15										
*03:47	1			4											15						20				
*03:48	1			4											15										
*03:49			3	4			7								15								23		
*03:50			3	4			7								15										
*03:51	1			4											15										
*03:52			3	4			7								15										
*03:53			3	4			7								15										
*03:54	1			4											15										
*03:55			3	4			7								15										
*03:56, 03:85 ⁶			3	4			7								15										
*03:57	1			4											15							22			
*03:58			3				7								15										
*03:59			3	4			7								15										
*03:60	1	2											13		15										
*03:61			3	4			7								15										
*03:62			3	4			7								15										
*03:63	1			4											15										
*03:64, 03:82 ⁷	1			4											15										
*03:65	1			4											15									24	
*03:66			3	4			7								15										
*03:67			w	4			7								w										
*03:68			3	4			7								15										
*03:69			3	4			7								15							22			
*03:70, 03:78 ⁸	1			4											15										
*03:71	1	2			5		8						13		15										
*03:72	1			4											15										
*03:73	1			4											15										
*03:74	1			4											15										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Length of spec.	280	210	280	275	275	90	110	250	240	250	145	260	80	210	135	150	100	165	105	165	220	195	90	200	
PCR product(s)						215	185				415		140					225	195	260	255		240	260	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
*03:75			3	4			7								15										
*03:76			3	4			7								15										
*03:77	1			4											15										
*03:79			3	4			7								15									24	
*03:80	1			4											15										
*03:81			3	4			7								15										
*03:83			3	4			7								15			18							
*03:84	1	2											13		15										
*03:86			3				7								15										
*03:87	1			4							11				15										
*03:88			3	4			7								15							21			
*03:89	1	2						8					13		15										
*03:91	1			4											15										
*03:92	1			4											15										
*03:93	1			4											15										
*03:94	1														15										
*03:95	1	2											13		15										
*03:96			3	4			7								15										
*03:97			3				7								15										
*03:98	1			4											15										
*03:99																									
*03:100	1			4											15										
*03:101	1			4											15		17								
*03:102			3	4			7							14	15			18							
*01:02:01-01:02:13, 01:06-01:08, 01:10- 01:11, 01:13, 01:15- 01:20, 01:23, 01:25- 01:33, 01:38-01:45 *01:03, 01:24 *01:14																16									
*02:02:01	1								9	w															
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	280	210	280	275	275	90	110	250	240	250	145	260	80	210	135	150	100	165	105	165	220	195	90	200
PCR product(s)						215	185				415		140					195	260	255		240	260	
																		225						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*04:01:18																								
*04:01:23, 18:01-18:02, 18:04																16								
*04:03, 04:06, 04:16	1								9	10												22		
*04:34																								
*04:37													13											
*04:43																								
*04:54, 14:02:01, 14:02:03-14:09, 14:11, 14:13-14:16, 14:18-14:19, 14:21N-14:24													13											
*04:64																								
*04:80	1								9	10												22		
*05:01:12, 06:02:01:01-06:02:01:02, 06:02:03-06:02:07, 06:02:09-06:02:11, 06:04, 06:06-06:10, 06:12-06:13, 06:15-06:43, 06:45-06:52, 06:54-06:55, 07:76, 12:04:01, 17:01:01:01-17:01:03, 17:01:05-17:08																16								
*05:36, 12:08											11													
*06:02:08, 14:12													13			16								
*06:03	1								9	10					w	16								
*06:14																16								
*06:44						7					11					16								
*06:53						7						12				16								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Length of spec.	280	210	280	275	275	90	110	250	240	250	145	260	80	210	135	150	100	165	105	165	220	195	90	200	
PCR product(s)						215	185				415		140					225	195	260	255		240	260	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
*07:01:01-07:01:16, 07:06, 07:16, 07:18- 07:19, 07:22, 07:24, 07:26, 07:28, 07:30, 07:35-07:36, 07:40, 07:44, 07:52-07:53, 07:55N, 07:57-07:59, 07:65, 07:70-07:71, 07:73, 07:77-07:78, 07:81-07:83, 07:86, 07:89, 07:91-07:95, 07:98N, 07:103- 07:104N, 07:106, 07:108, 07:110-07:113, 07:115-07:116, 07:118- 07:120, 07:122, 07:124, 07:128-07:129, 07:131-07:132, 07:134, 07:140-07:141, 07:148, 07:150Q-07:151, 07:153, B*07:93, B*51:76							7																		
*07:07, 07:09							7									16									
*07:10, 07:43, 12:44																									
*07:20							7															22			
*07:56:01, 07:109							7					12													
*07:60, 07:79							7					12													
*07:96	1						7								15							22			
*07:127																						22			
*07:133		2			5			8																	
*12:17																									
*14:10													13												
*14:20, 14:25													13												
*15:03, 15:16	1								9	10												22			
*15:12			3						9	10		12													
*15:25	1																					22			
*15:37	1								9	10															
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Length of spec.	280	210	280	275	275	90	110	250	240	250	145	260	80	210	135	150	100	165	105	165	220	195	90	200	
PCR product(s)						215	185				415		140					225	195	260	255		240	260	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
<i>*15:43</i>	1														15										
<i>*16:18</i>																									
<i>*18:03</i>																16									
<i>B*08:39</i>							7																		
<i>B*15:96</i>		2			5	6												18							
<i>B*35:101:02</i>							7																		
<i>B*55:30</i>																									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

INTERPRETATION TABLE

HLA-C*03 SSP subtyping

Amplification patterns of the C*03:02 to C*03:102 alleles

Well ⁹																									
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
																									Length of spec.
																									PCR product(s)
																									Length of int. pos. control ¹
																									5'-primer(s) ²
																									3'-primer(s) ³
																									Well No.

355	305	70	80	170	140	160	100	90	110	130	70	240	140	100	110	70	120	120	225	70	140	210	70	555	Length of spec.
	265		275		285		210	180	365	240	210			265	170	260	195	205	275	160	295				PCR product(s)
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	HLA-C* allele ⁴	
																									Well No.
																									*03:02:01-03:02:06
																									*03:03:01-03:03:11, 03:03:13
																									*03:03:12
																									*03:04:01-03:04:19
																									*03:05
																									*03:06
																									*03:07
																									*03:08
																									*03:09
																									*03:10
		27																							*03:11:01
		27																							*03:11:02
	26																								*03:12
																									*03:13
		27																				47			*03:14
																									*03:15
			28									37													*03:16
																									*03:17
																									*03:18
																									*03:19
																									*03:20N
												37										47			*03:21
																									*03:22Q
																									*03:23
																									*03:24
																									*03:25
																									*03:26
																									*03:27
																									*03:28, 03:90 ⁵
																									*03:29
																									*03:30
																									*03:31
25		27																							*03:32
																									*03:33
	26																								*03:34
	26																								*03:35
	26													39											*03:36
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.	

355	305	70	80	170	140	160	100	90	110	130	70	240	140	100	110	70	120	120	225	70	140	210	70	555	Length of spec.
	265		275		285		210	180	365	240	210			265	170	260	195	205	275	160	295				PCR product(s)
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.	
																			44						*03:75
																				45					*03:76
	26													39											*03:77
										35															*03:79
												37			40										*03:80
																		43							*03:81
							32																		*03:83
																					46		48		*03:86
																									*03:87
																									*03:88
																			44						*03:89
												37											47		*03:91
																					45				*03:92
																					46		48		*03:93
														38											*03:94
				29	30																				*03:95
																			43						*03:96
				29					34																*03:97
																									*03:98
																					46		48		*03:99
																41									*03:100
																									*03:101
																									*03:102
																						46			*01:02:01-01:02:13, 01:06-01:08, 01:10- 01:11, 01:13, 01:15- 01:20, 01:23, 01:25- 01:33, 01:38-01:45
							32															46			*01:03, 01:24
																						46			*01:14
																									*02:02:01
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.	

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
305	70	80	170	140	160	100	90	110	130	70	240	140	100	110	70	120	120	225	70	140	210	70	555	Length of spec.
355	105	275		170		210	180	365	240	120			265	170	260	195	205	275	160	295				PCR product(s)
	265			285						210														
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
												37												*04:01:18
			28									37												*04:01:23, 18:01-18:02, 18:04
		27	28									37												*04:03, 04:06, 04:16
			28											39										*04:34
			28			32						37								46				*04:37
			28									37	38											*04:43
			28									37												*04:54, 14:02:01, 14:02:03-14:09, 14:11, 14:13-14:16, 14:18-14:19, 14:21N-14:24
				29	30							37												*04:64
25		27	28									37												*04:80
																								*05:01:12, 06:02:01:01-06:02:01:02, 06:02:03-06:02:07, 06:02:09-06:02:11, 06:04, 06:06-06:10, 06:12-06:13, 06:15-06:43, 06:45-06:52, 06:54-06:55, 07:76, 12:04:01, 17:01:01:01-17:01:03, 17:01:05-17:08
			28									37												*05:36, 12:08
		27																						*06:03
25																								*06:14
																								*06:44
				29																				*06:53
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.

355	305	70	80	170	140	160	100	90	110	130	70	240	140	100	110	70	120	120	225	70	140	210	70	555	Length of spec.
	265		275		285		210	180	365	240	210			265	170	260	195	205	275	160	295				PCR product(s)
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.	
																									*15:43
																							48		*16:18
			28																						*18:03
				29																					<i>B*08:39</i>
	26																	43							<i>B*15:96</i>
								33																	<i>B*35:101:02</i>
																	42								<i>B*55:30</i>
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.	