INTERPRETATION TABLE

HLA-C*07 SSP subtyping

Amplification patterns of the C*07:01 to C*07:99 alleles

	Well[5]																							
	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.	245	290	110	185	70	100	190	285	215	185	275	130	90	240	80	535	130	120	220	145	100	205	155	130
PCR product(s)	425				145			505	240		305				290			230	355	170	225	250	185	
					245				425						460				465	195				
Length of int. pos. control[1]	800	800	800	1070	800	1070	1070	1070	800	1070	800	1070	1070	800	800	1070	1070	800	800	1070	800	800	1070	1070
5'-primer(s)[2]	47	368	270	368	47	540	363	355	47	368	355	512	289	419	47	270	512	368	47	463	368	134	199	524
	5'-Agg 3'	5'-gTA 3'	5'-AAC 3'	5'-gTC 3'	5'-Agg 3'	5'-gAC 3'	5'-AAT 3'	5'-CCT 3'	5'-Agg 3'	5'-gTT 3'	5'-TCA 3'	5'-gTg 3'	5'-Agg 3'	5'-gTT 3'	5'-Agg 3'	5'-AAg 3'	5'-gTT 3'	5'-gTC 3'	5'-Agg 3'	5'-TgA 3'	5'-gTC 3'	5'-CCA 3'	5'-gTT 3'	5'-CCA 3'
	648			368	512			992	419		385		1049		369			3rd I		486	5th I	176	504	538
	5'-CAC 3'			5'-gTC 3'	5'-gTT 3'			5'-TAA 3'	5'-gTA 3'		5'-ggT 3'		5'-g 3'		5'-TAC 3'			5'-TgT 3'		5'-TAC 3'	5'-gTC 3'	5'-gCC 3'	5'-CAC 3'	5'-AgT 3'
															1049					490				
															5'-C 3'					5'-CgA 3'				
																				512				
																				5'-gTg 3'				
3'-primer(s)[3]	302	618	341	512	121	601	512	601	90	512	618	601	343	618	337	512	601	559	90	618	427	341	341	618
	5'-ggC 3'	5'-CT 3'	5'-CgT 3'	5'-CCA 3'	5'-ggC 3'	5'-CTT 3'	5'-CCA 3'	5'-CTC 3'	5'-.Ag 3'	5'-CCA 3'	5'-CT 3'	5'-CTT 3'	5'-T 3'	5'-CT 3'	5'-CTT 3'	5'-CCA 3'	5'-CTT 3'	5'-CTC 3'	5'-.Ag 3'	5'-CT 3'	5'-gTg 3'	5'-CgT 3'	5'-CgT 3'	5'-CT 3'
	853				539			1016	302				343		616			668	97		1043		618	
	5'-CAT 3'				5'-TCT 3'			5'-CAC 3'	5'-ggT 3'				5'-g 3'		5'-TgT 3'			5'-TgA 3'	5'-gTA 3'		5'-CAA 3'		5'-CT 3'	
					616				618				1087		1087				233					
					5'-CgT 3'				5'-CT 3'				5'-AgC 3'		5'-AgT 3'				5'-CCC 3'					
																			341					
																			5'-Cgg 3'					
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
HLA-C allele[4]																								
Length of spec.	245	290	110	185	70	100	190	285	215	185	275	130	90	240	80	535	130	120	220	145	100	205	155	130
PCR product(s)	425				145			505	240		305				290			230	355	170	225	250	185	
					245				425						460				465	195				
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

*07:01:01-07:01:04, 07:01:06-07:01:12	1	2	3																					
*07:01:05	1		3																					
*07:02:01:01-07:02:14, *07:48[6]	1			4												16								
*07:03	1				5															20				
*07:04:01-07:04:03	1					6										16	17							
*07:05	1	2					7									16								
*07:06	1	2	3					8													21			
*07:07	1	2							9										19					
*07:08	1									10						16								
*07:09	1	2	3						9															
*07:10	1			4							11					16								
*07:11	1					6							13			16	17							
*07:12	1					6						12												
*07:13	1			4										14		16								
*07:14	1	2													15	16								
*07:15	1			4												16		18						
*07:16	1	2																	19					
*07:17	1																			20				
*07:18	1	2	3																		21			
*07:19	1		3	4																	21			
*07:20	1	2	3																			22		
*07:21	1	2	3																				23	
*07:22	1	2	3																					24
*07:23	1			4												16							23	
*07:24	1	2	3								11													
*07:25	1			4												16								24
*07:26	1	2	3																19					
*07:27:01-07:27:02	1	2														16								
*07:28	1	2	3											14										
*07:29	1			4					9							16								
*07:30	1	2	3																					
*07:31	1	2														16								
*07:32N	1			4												16								
*07:33N	1			4					9							16			19					
*07:35	1	2	3																					
*07:36	1	2	3																					
*07:37	1			4												16								
*07:38	1			4												16								
*07:39	1			4												16								
*07:40	1	2	3																					
*07:41	1											12												
*07:42	1			4												16								
*07:43	1	2									11					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.	245	290	110	185	70	100	190	285	215	185	275	130	90	240	80	535	130	120	220	145	100	205	155	130
PCR product(s)	425				145			505	240		305				290			230	355	170	225	250	185	
					245				425						460				465	195				
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**
*07:44	1	2	3																	20				
*07:45	1							8								16								

*07:46	1			4												16								
*07:47	1			4												16								
*07:49	1			4					9							16								
*07:50	1			4											15	16								
*07:51	1			4												16			19					
*07:52	1	2	3															18						
*07:53	1	2	3		5																			
*07:54	1			4												16					21			
*07:55N	1	2	3																					
*07:56:01-07:56:02	1			4									13			16								
*07:57	1		3		5																			
*07:58	1	2	3																					
*07:59	1	2	3																					
*07:60	1	2											13											
*07:61N	1			4												16								
*07:62	1			4												16								
*07:63	1					6										16	17							
*07:64	1			4												16								
*07:65	1	2	3																					
*07:66	1			4												16								
*07:67	1			4												16								
*07:68	1			4		6										16	17							
*07:69	1	2	3																					
*07:70	1	2	3																					
*07:71	1	2	3																					
*07:72	1			4												16								
*07:73	1	2	3																					
*07:74	1			4												16								
*07:75	1			4												16								
*07:76	1			4					9							16								
*07:77	1	2	3																					
*07:78	1	2	3																					
*07:79	1			4									13			16								
*07:80	1			4												16			19					
*07:81	1	2	3																	20				
*07:82	1	2	3																					
*07:83	1	2	3																					
*07:84	1			4												16						22		
*07:85	1	2	3																					
*07:86	1	2	3																					
*07:87	1			4												16								
*07:88	1			4												16								
*07:89	1	2	3												15									
*07:90	1			4												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.	245	290	110	185	70	100	190	285	215	185	275	130	90	240	80	535	130	120	220	145	100	205	155	130
PCR product(s)	425				145			505	240		305				290			230	355	170	225	250	185	
					245				425						460				465	195				
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
*07:91	1	2	3																					
*07:92	1	2	3																19					
*07:93	1	2	3																					

*07:94	1	2	3																					
*07:95	1	2	3																					
*07:96	1	2	3																19			22		
*07:97	1			4												16								
*07:98N	1	2	3																					
*07:99	1			4												16								
*02:14, 03:39, 03:67, 04:42, 06:02:01:01-06:02:01:02, 06:02:03-06:02:05, 06:04-06:10, 06:12-06:16N, 06:18-06:37, 15:23, *B*08:06, B*08:17, B*08:39, B*08:47*																								
*03:04:19		2							9		11									20				
*03:14, 12:14:01-12:14:02, 14:17, 17:01:01:01-17:06, *B*46:06*																16								
*03:15, 03:32, 03:45, 03:60, 04:03, 04:06, 04:16, 15:25																						22		
*03:69, 04:27, 04:52													13											
*04:34, *B*73:01*																								
*04:40								8																
*04:58										10						16								
*05:01:01:01-05:01:13, 05:04-05:08, 05:10-05:16, 05:18-05:22, 05:24-05:42, 08:01:01-08:06, 08:08-08:14, 08:16-08:31, *A*29:10*												12												
*05:03												12						18						
*05:17		2												14						20				
*05:23, 08:07																16	17							
*06:17, 18:01-18:03									9															
*12:03:10		2																		20				24
*A*30:01:03*																				20				
*B*07:77*																		18						
*B*27:36, B*48:21*							7																	
*B*35:08:04*		2									11									20				
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.	245	290	110	185	70	100	190	285	215	185	275	130	90	240	80	535	130	120	220	145	100	205	155	130
PCR product(s)	425				145			505	240		305				290			230	355	170	225	250	185	
					245				425						460				465	195				
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**
*B*37:04:02*											11			14						20				
*B*40:60*				4														18						
*B*56:08*																								
*B*56:14*																								
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*07 SSP subtyping

Amplification patterns of the C*07:01 to C*07:99 alleles

Well[5]																								
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
105	100	130	175	255	60	415	245	205	105	320	265	265	135	100	205	140	205	105	165	475	200	200	220	Length of spec.
150	250		260				285	230	270	360			195	255	440	255		140	195		350	455	400	PCR product(s)
	300												405											
1070	1070	1070	800	1070	1070	1070	1070	1070	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	Length of int. pos. control[1]
206	361	193	390	122	322	47	97	431	388	47	47	368	47	125	47	125	445	512	463	341	47	47	47	5'-primer(s)[2]
5'-AgA 3'	5'-AgT 3'	5'-CCA 3'	5'-gAA 3'	5'-CCA 3'	5'-gCC 3'	5'-Agg 3'	5'-TCg 3'	5'-CgT 3'	5'-CCA 3'	5'-Agg 3'	5'-Agg 3'	5'-gTC 3'	5'-Agg 3'	5'-CgT 3'	5'-Agg 3'	5'-CgA 3'	5'-TCA 3'	5'-gTT 3'	5'-TgT 3'	5'-ggA 3'	5'-Agg 3'	5'-Agg 3'	5'-Agg 3'	
419	411	539	410	410				688	554			388	464	794		520	463		464		458	457	439	
5'-gTC 3'	5'-TAg 3'	5'-gCg 3'	5'-gTg 3'	5'-gTT 3'				5'-CCA 3'	5'-ggT 3'			5'-CCT 3'	5'-gCT 3'	5'-CTC 3'		5'-CgA 3'	5'-TgT 3'		5'-gCT 3'		5'-ggg 3'	5'-AgC 3'	5'-ATC 3'	
	560		486										524						493					
	5'-CAC 3'		5'-TAC 3'										5'-CCC 3'						5'-CTT 3'					
270	618	289	618	341	341	289	302	618	618	197	142	601	280	341	79	341	618	578	618	527	226	330	275	3'-primer(s)[3]
5'-TAC 3'	5'-CT 3'	5'-AgC 3'	5'-CT 3'	5'-CgT 3'	5'-CgT 3'	5'-AgT 3'	5'-ggT 3'	5'-CT 3'	5'-CT 3'	5'-gAT 3'	5'-TgC 3'	5'-CTT 3'	5'-CTA 3'	5'-CgT 3'	5'-gTA 3'	5'-CgT 3'	5'-CT 3'	5'-TgT 3'	5'-CT 3'	5'-CCA 3'	5'-CAA 3'	5'-TgT 3'	5'-gCC 3'	
527		618		618			341	853		233		603	618	853	312	618		613			618	618	618	
5'-CCC 3'		5'-CT 3'		5'-CT 3'			5'-Tgg 3'	5'-CAT 3'		5'-CCC 3'		5'-TTg 3'	5'-CT 3'	5'-CAT 3'	5'-AgT 3'	5'-CT 3'		5'-gCC 3'			5'-CT 3'	5'-CT 3'	5'-CT 3'	
										235					317									
										5'-CTg 3'					5'-CgA 3'									
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.
																								HLA-C allele[4]
105	100	130	175	255	60	415	245	205	105	320	265	265	135	100	205	140	205	105	165	475	200	200	220	Length of spec.
150	250		260				285	230	270	360			195	255	440	255		140	195		350	455	400	PCR product(s)
	300												405											
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.

																								*07:01:01-07:01:04, 07:01:06-07:01:12
																								*07:01:05
																								*07:02:01:01-07:02:14, *07:48[6]
																								*07:03
																								*07:04:01-07:04:03
																								*07:05
																								*07:06
							32								40									*07:07
																								*07:08
							32								40									*07:09
																								*07:10
																								*07:11
																								*07:12
																								*07:13
																								*07:14
																								*07:15
																								*07:16
																								*07:17
																								*07:18
																								*07:19
											36													*07:20
																								*07:21
																								*07:22
																								*07:23
																								*07:24
																								*07:25
																								*07:26
																								*07:27:01-07:27:02
																								*07:28
																								*07:29
25																								*07:30
	26																							*07:31
	26																							*07:32N
																								*07:33N
			28																					*07:35
				29																				*07:36
		27																						*07:37
												37												*07:38
						31																		*07:39
						31																		*07:40
																								*07:41
				29																				*07:42
																								*07:43
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.
105	100	130	175	255	60	415	245	205	105	320	265	265	135	100	205	140	205	105	165	475	200	200	220	Length of spec.
150	250		260				285	230	270	360			195	255	440	255		140	195		350	455	400	PCR product(s)
	300												405											
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.
			28																					*07:44
																								*07:45

25																								*07:46
			28																					*07:47
							32																	*07:49
																								*07:50
																								*07:51
																								*07:52
																								*07:53
																								*07:54
	26																							*07:55N
																								*07:56:01-07:56:02
																								*07:57
													38											*07:58
														39										*07:59
							32																	*07:60
													38											*07:61N
															40									*07:62
												37												*07:63
											36													*07:64
													38						44					*07:65
								33																*07:66
									34															*07:67
												37												*07:68
		27																						*07:69
									34															*07:70
										35														*07:71
										35														*07:72
											36													*07:73
														39										*07:74
					30																			*07:75
							32								40									*07:76
																	42		44					*07:77
															40									*07:78
							32																	*07:79
										35														*07:80
																								*07:81
								33																*07:82
																					46			*07:83
																								*07:84
																							48	*07:85
																						47		*07:86
																							48	*07:87
																41								*07:88
																								*07:89
																					46			*07:90
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.
105	100	130	175	255	60	415	245	205	105	320	265	265	135	100	205	140	205	105	165	475	200	200	220	Length of spec.
150	250		260				285	230	270	360			195	255	440	255		140	195		350	455	400	PCR product(s)
	300												405											
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.
																41								*07:91
											36													*07:92
																	42							*07:93

																		43						*07:94
																				45				*07:95
											36													*07:96
																						47		*07:97
																			44					*07:98N
																		43						*07:99
							32																	*02:14, 03:39, 03:67, 04:42, 06:02:01:01-06:02:01:02, 06:02:03-06:02:05, 06:04-06:10, 06:12-06:16N, 06:18-06:37, 15:23, *B*08:06, B*08:17, B*08:39, B*08:47*
																								*03:04:19
																								*03:14, 12:14:01-12:14:02, 14:17, 17:01:01:01-17:06, *B*46:06*
																								*03:15, 03:32, 03:45, 03:60, 04:03, 04:06, 04:16, 15:25
																								*03:69, 04:27, 04:52
																				45				*04:34, *B*73:01*
																								*04:40
																								*04:58
																								*05:01:01:01-05:01:13, 05:04-05:08, 05:10-05:16, 05:18-05:22, 05:24-05:42, 08:01:01-08:06, 08:08-08:14, 08:16-08:31, *A*29:10*
																								*05:03
																								*05:17
																								*05:23, 08:07
							32								40									*06:17, 18:01-18:03
	26																							*12:03:10
																								*A*30:01:03*
													37											*B*07:77*
																								*B*27:36, B*48:21*
		27																						*B*35:08:04*
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.
105	100	130	175	255	60	415	245	205	105	320	265	265	135	100	205	140	205	105	165	475	200	200	220	Length of spec.
150	250		260				285	230	270	360			195	255	440	255		140	195		350	455	400	PCR product(s)
	300												405											
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.
																								*B*37:04:02*
												37												*B*40:60*
w																								*B*56:08*
25																								*B*56:14*
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.