

INTERPRETATION TABLE

HLA-C*07 SSP subtyping

Amplification patterns of the C*07:01 to C*07:220 alleles

		Well ¹⁶																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
Length of spec.		##	##	##	##	70	##	##	##	##	##	##	##	90	##	80	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##
PCR product(s)		##				##			##	##						##				##	##	##					##	##					##	
Length of int. pos. control ¹		800	800	800	1070	800	1070	1070	1070	800	1070	800	1070	1070	800	1070	1070	1070	800	800	800	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	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	206	361	193	390	122	322	47	97	
		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	5'-AgA ³	5'-AgT ³	5'-CCA ³	5'-gAA ³	5'-CCA ³	5'-gCC ³	5'-Agg ³	5'-TCg ³	
		648			368	512			992	419	365			1049		369					486	5 th I	176	504	538	419	411	539	410	410				
		5'-CAC ³			5'-gTC ³	5'-gTT ³			5'-TAA ³	5'-gTA ³	5'-gAC ³			5'-g ³	5'-TAC ³				5'-Cgg ³	3 ^d I	5'-TAC ³	5'-gCC ³	5'-CAC ³	5'-AgT ³	5'-gTC ³	5'-TAG ³	5'-gCg ³	5'-gTg ³	5'-gTT ³					
											385				1049						490	512					560	486						
											5'-ggT ³				5'-C ³						5'-CgA ³	5'-gTg ³					5'-CAC ³	5'-TAC ³	486					
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	270	618	289	618	341	341	289	302	
		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	5'-TAC ³	5'-CT ³	5'-AgC ³	5'-CT ³	5'-CgT ³	5'-CgT ³	5'-AgT ³	5'-ggT ³	
		853				539			1016	302			343		668	616			668	97		1043		618	527	618	618	618	618	618	341		341	
		5'-CAT ³				5'-TCT ³			5'-CAC ³	5'-ggT ³			5'-g ³		5'-TgA ³	5'-TgT ³			5'-TgA ³	5'-gTA ³		5'-CAA ³		5'-CT ³	5'-CCC ³		5'-CT ³	5'-CT ³	5'-CT ³	5'-CT ³	5'-CT ³	5'-TgG ³		
						616				618			1087		1087					233														
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	25	26	27	28	29	30	31	32	
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	105	100	125	175	255	60	415	245	

PCR product(s)	425				145			505	240		300				290			230	355	170	225	250	185		150	250		260				285		
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	25	26	27	28	29	30	31	32		
HLA-C allele^{4,5}																																		
*07:01:01-07:01:04, 07:01:06-07:01:24, 07:103, 07:111, 07:113, 07:115-07:116, 07:128, 07:131, 07:134, 07:156, 07:162-07:163, 07:166, 07:170, 07:182, 07:188- 07:190, 07:197, 07:200- 07:201, 07:204, 07:206, 07:214-07:215, 07:219	1	2	3																															
*07:01:05, 07:110	1		3																															
*07:02:01:01-07:02:29, 07:102, 07:105, 07:107, 07:114, 07:133, 07:135- 07:136, 07:144, 07:146, 07:149, 07:157-07:160, 07:167, 07:169, 07:174- 07:175, 07:178, 07:185, 07:187, 07:193-07:195, 07:208-07:209, 07:211, 07:213, 07:217, 07:220	1			4											16																			
*07:03	1				5															20														
*07:04:01-07:04:07, 07:139, 07:142, 07:199	1					6									16	17																		
*07:05	1	2					7								16																			
*07:06	1	2	3					8													21													
*07:07	1	2							9													19												32
*07:08	1									10					16																			
*07:09	1	2	3						9																									32
*07:10	1			4							11				16																			
*07:11	1					6						12			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, 07:138	1			4											16												24							
*07:26	1	2	3																	19														
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	25	26	27	28	29	30	31	32		
Length of spec.	425	245	290	110	185	70	100	190	285	215	185	275	130	90	240	80	535	130	120	220	145	100	205	155	130	105	100	125	175	255	60	415	245	
PCR product(s)	425				145			505	240		300				290				230	355	170	225	250	185		150	250		260				285	

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	25	26	27	28	29	30	31	32	
*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																						25								
*07:31	1	2														16										26							
*07:32N	1			4												16									26								
*07:33N	1			4					9							16			19														
*07:35	1	2	3																									28					
*07:36	1	2	3																										29				
*07:37	1			4												16										27							
*07:38	1			4												16																	
*07:39	1			4												16																31	
*07:40	1	2	3																													31	
*07:41	1											12																					
*07:42	1			4												16													29				
*07:43	1	2									11					16																	
*07:44	1	2	3																	20								28					
*07:45	1							8								16																	
*07:46	1			4												16									25								
*07:47	1			4												16												28					
*07:48	1			4												16				20													
*07:49	1			4					9							16																32	
*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																							26							
*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																			32	
*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																									27					
*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																30	
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	25	26	27	28	29	30	31	32	
Length of spec.	425	245	290	110	185	70	100	190	285	215	185	275	130	90	240	80	535	130	120	220	145	100	205	155	130	105	100	125	175	255	60	415	245
PCR product(s)					245	145			505	240		300			460	290				230	355	170	225	250	185	150	250		260			285	
										425										465	195					300							
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	25	26	27	28	29	30	31	32	

230	270	360			195	255	440	255	205	140	195		315	420	400	220	170	235	205	155	235	290	255		450		305	245	280	320	225	PCR product(s)				
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.				
																																	HLA-C allele ^{4,5}			
																																	*07:01:01-07:01:04, 07:01:06-07:01:24, 07:103, 07:111, 07:113, 07:115-07:116, 07:128, 07:131, 07:134, 07:156, 07:162-07:163, 07:166, 07:170, 07:182, 07:188- 07:190, 07:197, 07:200- 07:201, 07:204, 07:206, 07:214-07:215, 07:219			
																																	*07:01:05, 07:110			
																																	*07:02:01:01-07:02:29, 07:102, 07:105, 07:107, 07:114, 07:133, 07:135- 07:136, 07:144, 07:146, 07:149, 07:157-07:160, 07:167, 07:169, 07:174- 07:175, 07:178, 07:185, 07:187, 07:193-07:195, 07:208-07:209, 07:211, 07:213, 07:217, 07:220			
																																	*07:03			
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																																	*07:25, 07:138			
																																	*07:26			
230	270	360			195	255	440	255	205	140	195		315	420	400	220	170	235	205	155	235	290	255		450		305	245	280	320	225	Well No.				
205	105	320	265	265	135	100	205	140	100	105	165	475	200	200	220	155	105	65	65	110	120	150	210	175	80	200	130	70	200	275	135	Length of spec.				
230	270	360			195	255	440	255	205	140	195		315	420	400	220	170	235	205	155	235	290	255		450		305	245	280	320	225	PCR product(s)				
																																	370 340 340 370			

																																									40											*07:76		
																																									40	42	44											*07:77
																																									40											*07:78		
																																																			*07:79			
33																																										43											59	*07:80
																																																			*07:81			
																																																			*07:82			
																																																			*07:83			
																																																			62	*07:84		
																																																			48	*07:85		
																																																			47	*07:86		
																																																			48	*07:87		
																																									41											*07:88		
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																																																			*07:91			
36																																										41	46											*07:92
																																																			*07:93, 07:207 ⁶			
																																																			*07:94			
																																																			*07:95			
36																																										42											*07:96	
																																																			*07:97			
																																																			*07:98N			
																																																			*07:99, 07:183			
																																																			43	*07:100, 07:161 ⁷		
																																																			43	*07:101		
																																																			45	*07:104N, 07:119,		
																																																			50	07:124 ⁸		
																																																			52	*07:106		
																																																			62	*07:108		
																																																			*07:109			
																																																			*07:112			
																																																			51	*07:117, 07:121Q,		
																																																			52	07:126 ⁹		
																																																			52	*07:118, 07:203 ¹⁰		
																																																			53	*07:120		
																																																			56	*07:122, 07:151 ¹¹		
																																																			42	*07:123		
																																																			54	*07:125		
																																																			54	*07:127		
																																																			57	*07:129, 07:153 ¹²		
																																																			55	*07:130		
																																																			58	*07:132, 07:179 ¹³		
																																																			58	*07:137:01		
																																																			53	*07:137:02, 07:186		
																																																			56	*07:140		
																																																			56	*07:141		
																																																			56	*07:143		
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64																												Well No.																										
230 205 270 105 360 320 265 265 405 195 135 255 100 440 205 255 140 205 100 100 140 105 195 165 475 420 350 315 200 455 420 200 400 220 220 155 170 105 285 235 65 280 205 65 155 110 370 340 235 120 290 150 255 210 175 450 80 200 370 305 130 405 245 70 280 200 320 275 225 135																												Length of spec.																										
																											PCR product(s)																											
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64																												Well No.																										
																																																			59	*07:145		
																																																			60	*07:147		

