

# INTERPRETATION TABLE

## HLA-C\*07 SSP subtyping

Amplification patterns of the C\*07:01 to C\*07:263 alleles

	Well <sup>20</sup>																																	
	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 <sup>1</sup>	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	1070	800	1070	1070	1070	
5'-primer(s) <sup>2</sup>	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	124	47	97		
	5'-Agg <sup>3</sup>	5'-gTA <sup>3</sup>	5'-AAC <sup>3</sup>	5'-gTC <sup>3</sup>	5'-Agg <sup>3</sup>	5'-gAC <sup>3</sup>	5'-AAT <sup>3</sup>	5'-CCT <sup>3</sup>	5'-Agg <sup>3</sup>	5'-gTT <sup>3</sup>	5'-TCA <sup>3</sup>	5'-gTg <sup>3</sup>	5'-Agg <sup>3</sup>	5'-gTT <sup>3</sup>	5'-Agg <sup>3</sup>	5'-AAG <sup>3</sup>	5'-gTT <sup>3</sup>	5'-gTC <sup>3</sup>	5'-Agg <sup>3</sup>	5'-TgA <sup>3</sup>	5'-gTC <sup>3</sup>	5'-CCA <sup>3</sup>	5'-gTT <sup>3</sup>	5'-CCA <sup>3</sup>	5'-AgA <sup>3</sup>	5'-AgT <sup>3</sup>	5'-CCA <sup>3</sup>	5'-gAA <sup>3</sup>	5'-CCA <sup>3</sup>	5'-gCT <sup>3</sup>	5'-Agg <sup>3</sup>	5'-TCg <sup>3</sup>		
	648			368	512			992	419	365			1049		369			3 <sup>d</sup> I		486	5 <sup>th</sup> I	176	504	538	419	411	539	410	410	322				
	5'-CAC <sup>3</sup>			5'-gTC <sup>3</sup>	5'-gTT <sup>3</sup>			5'-TAA <sup>3</sup>	5'-gTA <sup>3</sup>	5'-gAC <sup>3</sup>			5'-g <sup>3</sup>		5'-TAC <sup>3</sup>			5'-Cgg <sup>3</sup>		5'-TAC <sup>3</sup>	5'-gTC <sup>3</sup>	5'-gCC <sup>3</sup>	5'-CAC <sup>3</sup>	5'-AgT <sup>3</sup>	5'-gTC <sup>3</sup>	5'-TAG <sup>3</sup>	5'-gCg <sup>3</sup>	5'-gTg <sup>3</sup>	5'-gTT <sup>3</sup>	5'-gCC <sup>3</sup>				
										385					1049					490						560		486						
															5'-C <sup>3</sup>					5'-gTg <sup>3</sup>														
3'-primer(s) <sup>3</sup>	302	618	341	512	121	601	512	601	90	512	618	601	343	618	337	512	601	445	90	618	427	341	341	618	618	270	618	289	618	341	341	289	302	
	5'-ggC <sup>3</sup>	5'-CT <sup>3</sup>	5'-CgT <sup>3</sup>	5'-CCA <sup>3</sup>	5'-ggC <sup>3</sup>	5'-CTT <sup>3</sup>	5'-CCA <sup>3</sup>	5'-CTC <sup>3</sup>	5'-Ag <sup>3</sup>	5'-CCA <sup>3</sup>	5'-CT <sup>3</sup>	5'-CTT <sup>3</sup>	5'-T <sup>3</sup>	5'-CT <sup>3</sup>	5'-CTT <sup>3</sup>	5'-CCA <sup>3</sup>	5'-CTT <sup>3</sup>	5'-gGA <sup>3</sup>	5'-Ag <sup>3</sup>	5'-CT <sup>3</sup>	5'-gTg <sup>3</sup>	5'-CgT <sup>3</sup>	5'-CgT <sup>3</sup>	5'-CT <sup>3</sup>	5'-TAC <sup>3</sup>	5'-CT <sup>3</sup>	5'-AgC <sup>3</sup>	5'-CT <sup>3</sup>	5'-CgT <sup>3</sup>	5'-CgT <sup>3</sup>	5'-AgT <sup>3</sup>	5'-ggT <sup>3</sup>		
	853				539			1016	302				343		616			559	97		1043					527		618		618		341		
	5'-CAT <sup>3</sup>				5'-TCT <sup>3</sup>			5'-CAC <sup>3</sup>	5'-ggT <sup>3</sup>				5'-g <sup>3</sup>		5'-Tgt <sup>3</sup>			5'-CTC <sup>3</sup>	5'-gTA <sup>3</sup>		5'-CAA <sup>3</sup>				5'-CCC <sup>3</sup>		5'-CT <sup>3</sup>		5'-CT <sup>3</sup>		5'-CT <sup>3</sup>		5'-Tgg <sup>3</sup>	
					616				618				1087		1087			668	233															
					5'-CgT <sup>3</sup>				5'-CT <sup>3</sup>				5'-AgC <sup>3</sup>		5'-AgT <sup>3</sup>			5'-TgA <sup>3</sup>	5'-CCC <sup>3</sup>															
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	220		185		150	250			260		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 <sup>4,5</sup>																																		
*07:01:01:01-07:01:04, 07:01:06-07:01:24, 07:01:26-07:01:27, 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, 07:222-07:223, 07:225, 07:228, 07:231, 07:236- 07:237, 07:246, 07:249, 07:253, 07:255-07:257	1	2	3																															
*07:01:05, 07:110, 07:230, 07:250	1		3																															
*07:01:25	1	2																																
*07:02:01:01-07:02:36, 07:102, 07:105, 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, 07:220-07:221, 07:226, 07:229, 07:232- 07:234, 07:239-07:240, 07:244, 07:251, 07:259, 07:261-07:262	1			4											16																			
*07:03	1				5															20														
*07:04:01-07:04:08, 07:139, 07:142, 07:199:01-07:199:02	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							13			16	17																	
*07:12	1					6						12																						
*07:13	1			4																														
*07:14	1	2														15	16																	
*07:15	1			4												16		18																
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		260		285		
					245				425						460				465	355	195	170				300	250							
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		
*07:16	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														
*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							
*07:38:01-07:38:02	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																		
*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																		
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	240	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		260		285	

					245				425						460			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																		
*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																				
*07:76	1			4					9							16																	32																	
*07:77	1	2	3																																															
*07:78, 07:235 <sup>7</sup>	1	2	3																																															
*07:79	1			4									13			16																	32																	
*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																																		
*07:91	1	2	3																																															
*07:92	1	2	3																19																															
*07:93, 07:207 <sup>8</sup>	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, 07:183 <sup>9</sup>	1			4												16																																		
*07:100, 07:161 <sup>10</sup>	1			4												16																																		
*07:101	1				6											16	17																																	
*07:104N, 07:119, 07:124 <sup>11</sup>	1	2	3																																															
*07:106	1	2	3																																															
*07:107	1			4												16																																		
*07:108	1		3							10																																								
*07:109	1	2											13																																					
*07:112	1		3								11																																							
*07:117, 07:126 <sup>12</sup>	1			4												16																																		
*07:118, 07:203 <sup>13</sup>	1	2	3																																															
*07:120	1	2	3																																															
*07:121Q	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	25	26	27	28	29	30	31	32																		
Length of spec.	425	245	290	110	185	70	100	190	505	285	425	240	215	185	300	275	130	90	240	80	535	130	120	230	355	220	195	170	145	225	100	250	205	185	155	130	150	105	300	250	100	125	260	175	255	60	260	415	285	245
PCR product(s)	425	245	290	110	185	70	100	190	505	285	425	240	215	185	300	275	130	90	240	80	535	130	120	230	355	220	195	170	145	225	100	250	205	185	155	130	150	105	300	250	100	125	260	175	255	60	260	415	285	245

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																					
*07:122	1	2	3																																																		
*07:123	1			4												16																																					
*07:125	1			4												16																																					
*07:127	1			4												16						22																															
*07:129, 07:153 <sup>14</sup>	1	2	3																																																		
*07:130	1			4												16																																					
*07:132, 07:179 <sup>15</sup>	1	2	3																																																		
*07:137:01	1			4												16							24																														
*07:137:02, 07:186 <sup>6</sup>	1			4												16																																					
*07:140	1	2	3																		20																																
*07:141:01-07:141:02	1	2	3																		20																																
*07:143	1			4												16																																					
*07:145	1			4												16																																					
*07:147, 07:241 <sup>16</sup>	1			4												16																																					
*07:148	1	2	3																																																		
*07:150Q	1	2	3																																																		
*07:151	1	2	3																																																		
*07:152N	1			4												16																																					
*07:154	1			4												16																																					
*07:155	1			4												16																																					
*07:164N, 07:212 <sup>17</sup>	1	2	3																																																		
*07:165, 07:180 <sup>18</sup>	1	2	3																																																		
*07:168	1			4												16				20																																	
*07:171, 07:242	1																																																				
*07:172	1			4												16																																					
*07:173	1	2	3																																																		
*07:176	1	2	3																																																		
*07:177	1								9							16			19								27																										
*07:181	1					6										16	17		19								26				31																						
*07:184	1	2							9	11						16																																					
*07:191N	1	2	3																																																		
*07:192	1			4												16																																					
*07:196	1	2	3							11																																											
*07:198N, 07:218 <sup>6</sup>	1			4												16																																					
*07:202	1			4												16																																					
*07:205	1	2	3																																																		
*07:210	1	2	3						9																							w	32																				
*07:216	1			4	5											16																																					
*07:224	1	2	3																																																		
*07:227N, 07:254 <sup>19</sup>	1	2	3																												30																						
*07:238	1			4					9							16															w	32																					
*07:243	1			4												16			18																																		
*07:245	1			4												16																																					
*07:247	1	2	3						9																								32																				
*07:248	1	2	3						9																																												
*07:252	1			4												16																																					
*07:258	1															16																																					
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	<b>32</b>																					
<b>Length of spec.</b>	425	245	290	110	185	70	100	190	505	285																																											
<b>PCR product(s)</b>					245	145			505	240	215	185	275	300		130	90	240	80	460	290	80	535	130	230	120	220	355	220	145	195	170	225	100	250	205	185	155	130	150	105	300	250	100	125	175	260	255	260	60	415	285	245
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	<b>32</b>																					

*07:260	1		4											16	17																			
*07:263	1	2	3													22																		
*01:60, 03:14, 12:14:01-12:14:02, 14:17, 17:01:01:01-17:04, 17:06-17:13, <i>B*46:06</i>														16																				
*02:14, 03:39, 03:67, 04:42, 06:02:01:01-06:02:01:02, 06:02:03-06:02:05, 06:02:07-06:02:11, 06:02:13-06:02:21, 06:04-06:06, 06:08-06:10, 06:12-06:16N, 06:18-06:21, 06:23-06:43, 06:45-06:51, 06:54-06:66, 06:68-06:69, 06:71-06:75, 06:78-06:87, 15:23, <i>B*08:17</i> , <i>B*08:39</i> , <i>B*08:47</i>																																	32	
*02:49, 03:15, 03:32, 03:45, 03:60, 03:136, 04:03, 04:06, 04:16, 04:80, 15:25, <i>A*01:110</i>																22																		
*02:57, 04:40, <i>B*38:23</i> , <i>B*39:73</i>							8																											
*03:04:19, 03:113		2						9	11							20																		
*03:69, 04:27, 04:52, 12:58													13																					
*03:162														16																				
*04:34, 04:122, <i>B*35:178</i> , <i>B*73:01-73:02</i>																																		
*04:58								10						16																				
*04:66																																30		
*04:112			3																															
<b>Well No.</b>	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		
<b>Length of spec.</b>	425	245	290	110	185	70	100	190	505	285	215	185	275	130	90	240	80	535	130	120	230	355	220	145	225	100	250	205	185	155	130	150	105	
<b>PCR product(s)</b>					245	145			505	240						460	290				230	355	170		225		250		185			150	250	
									425							460						465	195				300							
<b>Well No.</b>	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		



B*56:14																										25										
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	205	270	105	360	320	185	265	185	275	245	405	195	135	255	100	440	205	120	255	140	250	205	100	175	140	105	195	165	475	240	420	350	315	200	455	420	200	400	220	155	220	155	425	170	105	285	235	65	280	205	65	155	110	370	340	235	120	290	210	150	255	210	175	70	450	80	200	370	305	130	405	245	70	280	200	320	275	225	135	Length of spec.	PCR product(s)
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230	270	320	265	275	195	255	205	140	195	475	315	420	220	170	235	205	155	235	210	255	175	450	305	245	280	320	225	PCR product(s)					
		360			405		440				420	350	455	400				370	340	290			370	405									
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205	105	185	185	245	135	100	120	140	100	105	165	240	200	200	155	155	105	65	65	110	120	150	210	70	80	200	130	70	200	275	135	Length of spec.	
230	270	320	265	275	195	255	205	140	195	475	315	420	220	170	235	205	155	110	235	210	255	175	450		305	245	280	320	225		PCR product(s)		









