

INTERPRETATION TABLE

HLA-C*05 subtyping

Amplification patterns of the C*05:01 to 05:72 alleles

	Well ¹⁷															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	155	165	150	120	225	270	265	85	285	95	115	225	95	120	185	195
PCR product(s)					285			210		195	205	285			240	
Length of int.	800	###	###	800	###	###	###	800	###	###	###	###	###	###	###	###
pos. control ¹																
5'-primer(s) ²	485	176	485	3 rd I	355	361	379	176	355	1 st I	176	355	485	176	115	446
	5'-CAA ^{3'}	5'-gCA ^{3'}	5'-CAA ^{3'}	5'-ggA ^{3'}	5'-TCC ^{3'}	5'-AgT ^{3'}	5'-ACC ^{3'}	5'-gCA ^{3'}	5'-CC ^{3'}	5'-CgA ^{3'}	5'-gCA ^{3'}	5'-TCA ^{3'}	5'-CAA ^{3'}	5'-gCA ^{3'}	5'-ggA ^{3'}	5'-CgT ^{3'}
					419	379				485		416		453	2 nd I	
					5'-gTC ^{3'}	5'-ACg ^{3'}				5'-CAA ^{3'}		5'-CCg ^{3'}		5'-AAT ^{3'}	5'-CCA ^{3'}	
3'-primer(s) ³	601	302	595	668	601	601	601	221	601	106	248	601	538	256	312	601
	5'-CTT ^{3'}	5'-ggT ^{3'}	5'-CCT ^{3'}	5'-TgA ^{3'}	5'-CTT ^{3'}	5'-CTT ^{3'}	5'-CTT ^{3'}	5'-ACC ^{3'}	5'-CTT ^{3'}	5'-CAT ^{3'}	5'-AAC ^{3'}	5'-CTT ^{3'}	5'-Cag ^{3'}	5'-CCA ^{3'}	5'-AgT ^{3'}	5'-CTT ^{3'}
			601					343		538	341			527	475	
			5'-CTC ^{3'}					5'-T ^{3'}		5'-CCA ^{3'}	5'-CgT ^{3'}			5'-CCA ^{3'}	5'-ggT ^{3'}	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-C allele ^{4,5}																
*05:01:01:01-05:01:18, 05:47, 05:49-05:50, 05:54, 05:56-05:60, 05:63-05:67, 05:69, 05:71-05:72	1	2					7									
*05:03	1	2		4			7									
*05:04	1	2			5		7									
*05:05	1	2				6										
*05:06, 05:55 ⁶	1	2					7	8								
*05:07N	1	2					7		9							
*05:08, 05:30 ⁷	1	2					7			10						
*05:09:01-05:09:02		2	3													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	155	165	150	120	225	270	265	85	285	95	115	225	95	120	185	195
PCR product(s)					285			210		195	205	285			240	

<i>A*29:10, A*68:69</i>						6										
<i>A*80:01-80:02</i>											w					
<i>B*15:33</i>			3							10						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE

HLA-C*05 subtyping

Amplification patterns of the C*05:01 to 05:72 alleles

Well ¹⁷																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
155	235	175	205	230	100	85	185	105	115	155	200	140	70	155	105	Length of spec.
			390			135	265	205	185			185	175		175	PCR product(s)
												260				
###	###	800	###	###	800	###	###	###	###	###	800	###	###	###	###	Length of int. pos. control ¹
486	406	176	1 st	412	453	176	1 st	176	158	176	2 nd	2 nd	176	486	166	5'-primer(s) ²
5'-ACg ^{3'}	5'-gCC ^{3'}	5'-gCA ^{3'}	5'-CgA ^{3'}	5'-ATg ^{3'}	5'-AAT ^{3'}	5'-gCA ^{3'}	5'-CgA ^{3'}	5'-gCA ^{3'}	5'-ggg ^{3'}	5'-gCA ^{3'}	5'-CCA ^{3'}	5'-CCA ^{3'}	5'-gCA ^{3'}	5'-ACC ^{3'}	5'-CgT ^{3'}	
			322						485			629	3 rd		485	
			5'-gCC ^{3'}						5'-CAA ^{3'}			5'-AAG ^{3'}	5'-ggA ^{3'}		5'-CAA ^{3'}	
601	601	311	118	601	512	218	97	241	302	289	488	430	311	601	302	3'-primer(s) ³
5'-CTT ^{3'}	5'-CTT ^{3'}	5'-ggT ^{3'}	5'-gCT ^{3'}	5'-CTT ^{3'}	5'-CCA ^{3'}	5'-gCC ^{3'}	5'-gTC ^{3'}	5'-CgA ^{3'}	5'-ggT ^{3'}	5'-AgC ^{3'}	5'-CCT ^{3'}	5'-gCA ^{3'}	5'-gTC ^{3'}	5'-CTT ^{3'}	5'-ggT ^{3'}	
			419			270	175	341	559	289		475	621		550	
			5'-CgA ^{3'}			5'-TAg ^{3'}	5'-CCg ^{3'}	5'-CgA ^{3'}	5'-CAG ^{3'}	5'-AgC ^{3'}		5'-ggT ^{3'}	5'-Tgg ^{3'}		5'-CAG ^{3'}	
												846				
												5'-CAC ^{3'}				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																HLA-C allele ^{4,5}
																*05:01:01:01-05:01:18, 05:47, 05:49-05:50, 05:54, 05:56-05:60, 05:63-05:67, 05:69, 05:71-05:72
																*05:03
				21												*05:04
																*05:05
																*05:06, 05:55 ⁶
																*05:07N
																*05:08, 05:30 ⁷
																*05:09:01-05:09:02
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
155	235	175	205	230	100	85	185	105	115	155	200	140	70	155	105	Length of spec.
			390			135	265	205	185			185	175		175	PCR product(s)
												260				

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																*05:10, 05:38⁸
																*05:11, 05:68, 05:70
17																*05:12
																*05:13
																*05:14
																*05:15
																*05:16
																*05:17
17																*05:18:01, 08:10¹⁵
														31		*05:18:02-05:18:03
	18															*05:19
		19														*05:20
			20													*05:21, 05:26⁹
				21												*05:22:01-05:22:02
					22											*05:23, 05:62
						23										*05:24, 05:36¹⁰
																*05:25, 05:33¹¹
										26						*05:27
										26						*05:28, 05:39¹²
							24									*05:29, 08:25¹⁶
																*05:31
														30		*05:32, 05:53
												29				*05:34
								25								*05:35, 05:40¹³
													29			*05:37, 05:41¹⁴
							24			27						*05:42
																*05:43
																*05:44
											28					*05:45
										27						*05:46
															32	*05:48N
															32	*05:51Q
																*05:52
																*05:61
																*01:13, 16:27
	19															*01:43
																*02:51
										26						*03:87
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
155	235	175	205	230	100	85	185	105	115	155	200	140	70	155	105	Length of spec.
			390			135	265	205	185			185	175		175	PCR product(s)
												260				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
												29				*04:78
																*06:05
												29				*06:13

								26							*06:64	
									27						*06:67	
				21								31			*07:04:01-07:04:07, 07:11-07:12, 07:63, 07:139, 07:142, 07:181, 07:199 *07:41, 08:18, 08:55N *07:52	
				21									31		*07:68	
		19		21					27				31		*07:101	
															*07:130	
		19				23			27						*07:148	
		19							27						*07:161	
17		19													*08:01:01-08:01:05, 08:03:01-08:03:02, 08:06, 08:08, 08:14, 08:20, 08:22, 08:24, 08:26N-08:27, 08:33:02, 08:35-08:36N, 08:38- 08:42, 08:46, 08:50, 08:54, 08:56	
		19													*08:02:01-08:02:07, 08:17, 08:19, 08:23, 08:30, 08:32, 08:34, 08:43, 08:45, 08:48- 08:49, 08:52N-08:53 *08:04	
		19							27						*08:05	
		19		22											*08:07, 08:47	
17		19		21											*08:09, 08:11 *08:12	
							24								*08:13	
		19													*08:15:01-08:15:02, 08:51	
17							24								*08:16	
17		19								27					*08:21	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
155	235	175	205	230	100	85	185	105	115	155	200	140	70	155	105	Length of spec.
			390			135	265	205	185			185	175		175	PCR product(s)
												260				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
		19														*08:28
		19														*08:29, 08:31
		19												31		*08:33:01
		19					24									*08:37
17		19														*08:44
																*12:21, 12:33
										27						*17:05

																					A*29:10, A*68:69
																					A*80:01-80:02
									26											B*15:33	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32						Well No.