INTERPRETATION TABLE

HLA-A*26 SSP subtyping

Amplification patterns of the A*26:01 to 26:72 alleles

	Well[14]																							
	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.	180	80	140	260	180	80	150	135	145	85	140	135	110	145	100	430	175	125	190	210	115	100	130	305
PCR product(s)						160			190	260		240	255					205	245		205	220	165	
Length of int.	800	800	###	800	###	###	800	###	###	###	800	###	###	###	800	###	###	800	800	###	###	###	###	###
pos. control[1]																								
5'-primer(s)[2]	418	261	418	74	423	261	423	423	423	78	243	98	228	453	282	28	423	257	355	392	395	160	652	341
	5'-Agg 3'	5'-AAC 3'	5'-AgA 3'	5'-C 3'	5'-gCT 3'	5'-AAC 3'	5'-gCT 3'	5'-gCT 3'	5'-gCT 3'	5'-TCT 3'	5'-CCT 3'	5'-CTC 3'	5'-ATg 3'	5'-AAA 3'	5'-CAg 3'	5'-TCg 3'	5'-gCT 3'	5'-CCC 3'	5'-CCg 3'	5'-CgA 3'	5'-gCA 3'	5'-ACT 3'	5'-CTg 3'	5'-ggA 3'
				78		423				257	416	423	346					423	410		652	280		
				5'-TCC 3'		5'-gCT 3'				5'-Cgg 3'	5'-gCg 3'	5'-gCT 3'	5'-gTA 3'					5'-gCT 3'	5'-gTT 3'		5'-CTg 3'	5'-CCC 3'		
3'-primer(s)[3]	559	299	517	292	560	299	524	517	527	299	341	299	299	559	341	282	559	341	559	559	559	341	743	362
	5'-CCg 3'	5'-TCg 3'	5'-CgT 3'	5'-gTg 3'	5'-ACA 3'	5'-TCT 3'	5'-CAC 3'	5'-CgC 3'	5'-CCA 3'	5'-TCg 3'	5'-CgT 3'	5'-TCg 3'	5'-TCg 3'	5'-CCg 3'	5'-CgT 3'	5'-gAC 3'	5'-CgT 3'	5'-CgT 3'	5'-CCg 3'	5'-CCg 3'	5'-CCg 3'	5'-CgT 3'	5'-TCC 3'	5'-TCA 3'
	559					542	538	519	570		517	517	559	559		290		589			728		776	
	5'-CCT 3'					5'-CTT 3'	5'-CTg 3'	5'-ggA 3'	5'-CCg 3'		5'-CgT 3'	5'-CgC 3'	5'-CCg 3'	5'-CCg 3'		5'-gAA 3'		5'-CTT 3'			5'-CCT 3'		5'-CAA 3'	
								524				524												
								5'-CAC 3'				5'-CAC 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-A allele[4,5]																								
***26:01:01-**26:01:22, **26:27**[15]	1	2																						
***26:02**		2	3																					
***26:03:01-**26:03:02	1			4																				
*26:04		2			5																			
***26:05**	1					6																		
***26:06**				4							11													
*26:07:01-**26:07:02**	1									10														
***26:08,** 26:67	1	2					7																	
*26:09		2															17							
*26:10	1	2												14										
*26:11N	1	2						8																
***26:12**	1	2							9															
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.	##	80	##	##	##	80	##	##	##	85	##	##	##	##	##	##	##	##	##	##	##	##	##	##
PCR product(s)						##			##	##		##	##					##	##		##	##	##	

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
*26:13	1	2													15	16								
*26:14	1	2						8				12												
***26:15**	1	2																						
*26:16	1	2										12												
***26:17, 26:45[6]**	1	2											13											
***26:18**	1	2						8	9			12												
*26:19	1										11				15	16								
***26:20**	1	2								10														
*26:21	1			4														18						
*26:22	1	2																	19					
*26:23	1	2																		20				
*26:24, 26:41[7]	1	2																			21			
*26:25N, **26:38[8]**	1	2																				22		
*26:26	1	2																					23	
***26:28**	1	2					7	8				12												
*26:29	w	2							9															
*26:30	1			4																				
***26:31**	1																	18						
*26:32, 26:70	1	2																						24
*26:33	1	2													15	16								
*26:34		2																						
*26:35	1	2																						
***26:36**	1	2																						
*26:37	1	2																						
***26:39**	1	2																						
*26:40		2																	19					
***26:42**	1	2																						
*26:43:01, 26:61[9]	1	2																						
***26:43:02**	1	2																						
*26:46, 26:53[10]	1	2																						
***26:47**	1	2																						
*26:48	1	2					7																	
***26:49**	w	2							9															
*26:50	1	2																						
*26:51	1	2																						
***26:52**	1	2					7	8				12												
*26:54, 26:55[11]	1	2																						
*26:56	1	2																					23	
*26:57	1																							
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.	**180**	**80**	**140**	**260**	**180**	**80**	**150**	**135**	**145**	**85**	**140**	**135**	**110**	**145**	**100**	**430**	**175**	**125**	**190**	**210**	**115**	**100**	**130**	**305**
PCR product(s)						**160**			**190**	**260**		**240**	**255**					**205**	**245**		**205**	**220**	**165**	
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**
***26:58**	1	2																						
*26:59, **26:69[12]**	1	2																						
*26:60N	1	2																						

***26:62, 26:63**[13]	**1**	**2**																						
*26:64	**1**	**2**																						
***26:65**	**1**	**2**																						
*26:66	**1**	**2**																						
***26:68**	**1**	**2**																						
*26:71N	**1**	**2**																						
*26:72	**1**																							
*01:01:13, 01:83, 02:146										**10**														
*01:02, 24:04, 24:109, 30:57												**12**												
*01:03, 36:03, 74:10																								**24**
*01:13, 01:17, 03:63, 03:88, 11:01:01-11:05, 11:07-11:11, 11:13-11:16, 11:20-11:25, 11:27, 11:29-11:39, 11:41-11:52Q, 11:54-11:90, 11:92-11:95, 11:97, 11:99N-11:105, 11:107-11:112															**15**									
*01:20												**12**							**w**					
*01:51, 33:48		**2**																						
*01:60																		**18**						
*01:66																			**w**					
*01:104, 80:01																								
*02:34, 02:56:01-02:56:02, 02:62, 02:103																**w**								
*02:35:01-02:35:03, 02:78, 24:19, 68:01:01:01-68:02:04, 68:06-68:14, 68:16-68:19, 68:21:01-68:30, 68:32-68:35, 68:37-68:56, 68:58-68:60, 68:62-68:83, 68:85, 69:01																**16**								
*02:38, 02:101:01														**14**					**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**

Length of spec.	180	80	140	260	180	80	150	135	145	85	140	135	110	145	100	430	175	125	190	210	115	100	130	305
PCR product(s)						160			190	260		240	255					205	245		205	220	165	
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
*02:81, 02:87, 02:112, 02:124, 02:129, 02:136, 23:01:01-23:08N, 23:11N-23:12, 23:14-23:50, 24:02:01:01-24:02:32, 24:02:34-24:03:02, 24:05-24:06, 24:08-24:09N, 24:11N, 24:13:01-24:15, 24:17-24:18, 24:20-24:23, 24:25, 24:27, 24:29-24:43, 24:45N, 24:47-24:64, 24:66-24:88, 24:90N-24:99, 24:101-24:108, 24:110-24:111, 24:113-24:128, 24:130, 24:132N-24:180, 24:182-24:183N, 24:185N-24:190																								
*02:135	1																							
*02:154														14										
*02:241, 33:31																					21			
*02:309									9								17							
*03:01:19								8				12					17							
*03:09, 03:108, 11:18, 29:19, 30:13, 30:16, 30:44, 30:46, 33:24, 68:05, 68:15, 68:20, 74:06				4																				
*11:06				4											15									
*11:26															15									24
*11:91															15									
*23:09, 24:181																								
*23:10, 24:10, 24:46														14										
*23:13, 24:07, 24:24, 24:112, 24:131, 68:36																16								
*24:129												12												
*25:01:01-25:01:05, 25:03, 25:07, 25:10, 25:12N, 25:14-25:16	1																							
*25:02	1														15									
*25:04	1						7																	
*25:05	1																							
*25:06																	17							
*25:08	1																							
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.	180	80	140	260	180	80	150	135	145	85	140	135	110	145	100	430	175	125	190	210	115	100	130	305
PCR product(s)						160			190	260		240	255					205	245		205	220	165	
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

*25:09	**1**							**8**				**12**												
*25:11	**1**																							
*25:13	**1**																							
*31:03								**8**	**9**		**11**	**12**					**17**							
*31:04								**8**	**9**			**12**					**17**							
*31:24-31:25, 32:26, 43:01, 66:05, 66:15	**1**																							
*33:13		**2**																						**24**
*34:01:01-34:01:02, 34:05															**15**	**16**	**17**							
*34:02:01, 34:04, 34:08															**15**	**16**	**17**							
*34:02:02															**15**	**16**	**17**							
*34:03								**8**				**12**			**15**	**16**	**17**							
*34:06								**8**	**9**			**12**			**15**	**16**	**17**							
*34:07																**16**	**17**							
*34:09																**16**	**17**							
*66:01, 66:04, 66:07-66:08, 66:11, 66:13-66:14	**1**														**15**	**16**								
*66:02, 66:16																**16**								
*66:03																								
*66:06	**1**								**9**						**15**	**16**								
*66:09	**1**														**15**	**16**			**19**					
*66:10	**w**								**9**						**15**	**16**								
*66:12	**1**															**16**								
*68:61														**14**		**16**								
*68:84		**2**														**16**								
*B*35:108:01, B*53:26*																								
HLA-A allele																								
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-A*26 SSP subtyping

Amplification patterns of the A*26:01 to 26:72 alleles

Well[14]																							
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
360	150	275	90	330	125	210	90	105	135	110	125	245	190	220	90	140	460	135	105	365	155	425	**Length of spec.**
	175				235		155	200	190	245	215	410		410									**PCR product(s)**
###	###	###	###	###	###	800	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	**Length of int.**
																							pos. control[1]
341	98	106	292	28	98	391	423	401	423	136	423	28	191	28	261	2nd	28	423	423	28	423	28	**5'-primer(s)[2]**
5'-ggC 3'	5'-CTA 3'	5'-CCA 3'	5'-CTC 3'	5'-TCg 3'	5'-CTA 3'	5'-ACC 3'	5'-gCT 3'	5'-CCA 3'	5'-gCT 3'	5'-gCC 3'	5'-gCT 3'	5'-TCg 3'	5'-CgA 3'	5'-TCg 3'	5'-AAC 3'	5'-CCT 3'	5'-TCg 3'	5'-gCT 3'	5'-gCT 3'	5'-TCg 3'	5'-gCT 3'	5'-TCg 3'	
	423				652			495		270		353											
	5'-gCT 3'				5'-CTg 3'			5'-CAC 3'		5'-AAA 3'		5'-CAg 3'											
418	208	341	341	186	180	559	472	559	518	341	506	265	341	77	311	426	319	517	486	224	538	283	**3'-primer(s)[3]**
5'-gTC 3'	5'-CCA 3'	5'-CgT 3'	5'-CgT 3'	5'-TCC 3'	5'-TCC 3'	5'-CCg 3'	5'-ggC 3'	5'-CCg 3'	5'-CCA 3'	5'-CgT 3'	5'-TgT 3'	5'-CCA 3'	5'-CgT 3'	5'-ggC 3'	5'-ggA 3'	5'-TCC 3'	5'-gCg 3'	5'-CgC 3'	5'-gCg 3'	5'-TCT 3'	5'-CAg 3'	5'-TgC 3'	
	559				290		538		570		595	559		265									
	5'-CCA 3'				5'-gAA 3'		5'-CAA 3'		5'-CCg 3'		5'-CCA 3'	5'-CCg 3'		5'-CCA 3'									
					743									271									
					5'-TCC 3'									5'-CAT 3'									
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	**Well No.**
																							HLA-A allele[4,5]
																							***26:01:01-**26:01:22, **26:27**[15]
																							***26:02**
			28																				***26:03:01-**26:03:02
																							*26:04
																							***26:05**
			28																				***26:06**
																							*26:07:01-**26:07:02**
																							***26:08,** 26:67
																							*26:09
																							*26:10
																							*26:11N
																							***26:12**
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	**Well No.**
##	##	##	90	##	##	##	90	##	##	##	##	##	##	##	90	##	##	##	##	##	##	##	**Length of spec.**
	##				##		##	##	##	##	##	##		##									**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	Well No.
																							*26:13
																		43					*26:14
					30																		***26:15**
																							*26:16
																							***26:17, 26:45**[6]
																		43					***26:18**
																							*26:19
																							***26:20**
			28																				*26:21
																							*26:22
																							*26:23
																							*26:24, 26:41[7]
																							*26:25N**, 26:38**[8]
																							*26:26
																		43					***26:28**
					30				**34**														*26:29
25																							*26:30
																							***26:31**
																							*26:32, 26:70
					30																		*26:33
	26																						*26:34
		27																					*26:35
			28																				***26:36**
				29																			*26:37
						31																	***26:39**
																							*26:40
	26																						***26:42**
							32																*26:43:01, 26:61[9]
																					46		***26:43:02**
								33															*26:46, 26:53[10]
									34														***26:47**
										35													*26:48
									34														***26:49**
												37											*26:50
													38										*26:51
																							***26:52**
											36												*26:54, 26:55[11]
					30																		*26:56
															40								*26:57
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**Well No.**
360	**150**	**275**	**90**	**330**	**125**	**210**	**90**	**105**	**135**	**110**	**125**	**245**	**190**	**220**	**90**	**140**	**460**	**135**	**105**	**365**	**155**	**425**	**Length of spec.**
	175				**235**		**155**	**200**	**190**	**245**	**215**	**410**		**410**									**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**	**Well No.**
																	42						***26:58**
										35													*26:59**, 26:69**[12]
																41							*26:60N

														39									***26:62, 26:63[13]**
												37		**39**									*26:64
25																							***26:65**
																						47	*26:66
																			44				***26:68**
																				45			*26:71N
														39									*26:72
																							*01:01:13, 01:83, 02:146
																							*01:02, 24:04, 24:109, 30:57
																							*01:03, 36:03, 74:10
																							*01:13, 01:17, 03:63, 03:88, 11:01:01-11:05, 11:07-11:11, 11:13-11:16, 11:20-11:25, 11:27, 11:29-11:39, 11:41-11:52Q, 11:54-11:90, 11:92-11:95, 11:97, 11:99N-11:105, 11:107-11:112
																							*01:20
																							*01:51, 33:48
																							*01:60
																							*01:66
			28																				*01:104, 80:01
																							*02:34, 02:56:01-02:56:02, 02:62, 02:103
																							*02:35:01-02:35:03, 02:78, 24:19, 68:01:01:01-68:02:04, 68:06-68:14, 68:16-68:19, 68:21:01-68:30, 68:32-68:35, 68:37-68:56, 68:58-68:60, 68:62-68:83, 68:85, 69:01
																							*02:38, 02:101:01
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**Well No.**

360	150	275	90	330	125	210	90	105	135	110	125	245	190	220	90	140	460	135	105	365	155	425	Length of spec.
	175				235		155	200	190	245	215	410		410									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	Well No.
																	42						*02:81, 02:87, 02:112, 02:124, 02:129, 02:136, 23:01:01-23:08N, 23:11N-23:12, 23:14-23:50, 24:02:01:01-24:02:32, 24:02:34-24:03:02, 24:05-24:06, 24:08-24:09N, 24:11N, 24:13:01-24:15, 24:17-24:18, 24:20-24:23, 24:25, 24:27, 24:29-24:43, 24:45N, 24:47-24:64, 24:66-24:88, 24:90N-24:99, 24:101-24:108, 24:110-24:111, 24:113-24:128, 24:130, 24:132N-24:180, 24:182-24:183N, 24:185N-24:190
25																							*02:135
																							*02:154
																							*02:241, 33:31
25							32																*02:309
25							32											43					*03:01:19
																							*03:09, 03:108, 11:18, 29:19, 30:13, 30:16, 30:44, 30:46, 33:24, 68:05, 68:15, 68:20, 74:06
			28																				*11:06
																							*11:26
					30																		*11:91
														39			42						*23:09, 24:181
																	42						*23:10, 24:10, 24:46
																	42						*23:13, 24:07, 24:24, 24:112, 24:131, 68:36
														39									*24:129
																	42						*25:01:01-25:01:05, 25:03, 25:07, 25:10, 25:12N, 25:14-25:16
																	42						*25:02
																	42						*25:04
											36						42						*25:05
																	42						*25:06
									34								42						*25:08
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.
360	150	275	90	330	125	210	90	105	135	110	125	245	190	220	90	140	460	135	105	365	155	425	Length of spec.
	175				235		155	200	190	245	215	410		410									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	Well No.

																	42	**43**					*25:09
			28														**42**						*25:11
25																	**42**						*25:13
							32											**43**					*31:03
25							**32**											**43**					*31:04
																							*31:24-31:25, 32:26, 43:01, 66:05, 66:15
																							*33:13
										35													*34:01:01-34:01:02, 34:05
							32																*34:02:01, 34:04, 34:08
																					46		*34:02:02
							32											**43**					*34:03
							32											**43**					*34:06
							32																*34:07
25							**32**																*34:09
																							*66:01, 66:04, 66:07-66:08, 66:11, 66:13-66:14
25																							*66:02, 66:16
25																							*66:03
							32																*66:06
																							*66:09
									34														*66:10
25																							*66:12
																							*68:61
																							*68:84
					30																		*B*35:108:01, B*53:26*
																							HLA-A allele
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**Well No.**