INTERPRETATION TABLE

HLA-A*26 SSP subtyping

Amplification patterns of the A*26:01 to 26:84 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	125	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		746	
	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'-ggT 3'	
								524				524									746		776	
								5'-CAC 3'				5'-CAC 3'									5'-ggT 3'		5'-CAA 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**-26:01:27, **26:27,** 26:74-26:75, 26:77, 26:79-26:80, 26:83-26:84[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, 26:81	1	2					7																	
*26:09		2															17							
*26:10	1	2												14										
*26:11N	1	2						8																
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**
***26:12**	**1**	**2**							**9**															
*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**, 26:73	**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**																							
***26:58**	**1**	**2**																						
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**
***26:59**, **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**																							
*26:76	**1**																							
*26:78				**4**	**5**																			
*26:82	**1**	**2**																			**21**		**23**	
*01:01:13, 01:83:01-01:83:02, 02:146										**10**														
*01:02, 24:04, 24:109, 29:37, 30:57												**12**												
*01:03, 36:03, 74:10, *C*06:72*																								**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, 11:107-11:115N, 11:117, 11:120, 11:122-11:133, 11:135-11:139															**15**									
*01:20												**12**							**w**					
*01:51, 33:48		**2**																						
*01:60, *C*06:71*																		**18**						
*01:66																			**w**					
*01:104, 02:346, 80:01:01:01																								
*02:34, 02:56:01-02:56:02, 02:62, 02:103																**w**								
*02:35:01-02:35:03, 02:78, 24:19, 68:01:01:01-68:02:05, 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, 68:87-68:88, 68:91-68:93, 68:95-68:99, 69:01																**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.	##	**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**
*02:38, 02:101:01														**14**					**19**					

*02:81, 02:87, 02:112, 02:124, 02:129, 02:136, 23:01:01-23:08N, 23:11N-23:12, 23:14:01-23:56, 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-24:209, 24:212-24:213, 24:215-24:230, 25:18																								
*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, 29:48, 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, 11:118															**15**									**24**
*11:91															**15**									
*11:116	**1**														**15**									
*11:119														**14**	**15**									
*23:09, 24:181																								
*23:10, 24:10:01-24:10:02, 24:46, 24:210														**14**										
*23:13, 24:07, 24:24, 24:112, 24:131, 68:36																**16**								
*24:129												**12**												
*25:01:01-25:01:07, 25:03, 25:07, 25:10, 25:12N, 25:14-25:17, 25:20-25:22	**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.	##	**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**
*25:02	**1**														**15**									
*25:04	**1**						**7**																	
*25:05	**1**																							
*25:06																	**17**							

*25:08	**1**																							
*25:09	**1**							**8**				**12**												
*25:11	**1**																							
*25:13	**1**																							
*25:19	**1**																							
*31:03								**8**	**9**		**11**	**12**					**17**							
*31:04								**8**	**9**			**12**					**17**							
*31:24-31:25, 32:26, 33:61, 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, 34:02:03, 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**							
*34:10N															**15**	**16**								
*66:01, 66:04, 66:07-66:08, 66:11, 66:13-66:14, 66:17, 66:19	**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**								
*66:18	**1**														**15**	**16**								
*68:61														**14**		**16**								
*68:84		**2**														**16**								
*68:86																**16**								
*68:89																**16**								
*68:94N																**16**								
*B*35:108:01, B*53:26, C*12:91*																								
*C*06:75*																						**22**		
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 26:84 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	125	90	330	125	210	90	105	135	110	125	245	190	220	90	140	460	135	105	365	155	425	**Length of spec.**
	175	275			235		155	200	190	245	215	410		410									**PCR product(s)**
###	###	###	###	###	###	800	###	###	###	###	###	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	255			652			495		270		353											
	5'-gCT 3'	5'-gAg 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**-26:01:27, **26:27,** 26:74-26:75, 26:77, 26:79-26:80, 26:83-26:84[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, 26:81
																							*26:09
																							*26:10
																							*26:11N
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.
																							***26:12**
																							*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**, 26:73
					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
																	42						***26:58**
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.
										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**
		27																					*26:76
			28																				*26:78
																							*26:82
																							*01:01:13, 01:83:01-01:83:02, 02:146
																							*01:02, 24:04, 24:109, 29:37, 30:57
																							*01:03, 36:03, 74:10, *C*06:72*
																							*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, 11:107-11:115N, 11:117, 11:120, 11:122-11:133, 11:135-11:139
																							*01:20
																							*01:51, 33:48
																							*01:60, *C*06:71*
																							*01:66
			28																				*01:104, 02:346, 80:01:01:01
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##	##	##	**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.**
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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)**
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																	42						*25:04
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																	42						*25:06

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							32											**43**					*34:03
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