

# INTERPRETATION TABLE

## HLA-A\*01 SSP subtyping

Amplification patterns of the A\*01:01 to 01:66 alleles

	Well <sup>9</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
Length of spec.	235	145	120	305	470	125	215	110	235	155	135	85	205	75	235	180	210	135	170	65	125	590	160	215
PCR product(s)						210		180		270	275			120		235				425	255		160	
Length of int. pos. control <sup>1</sup>	800	1070	800	1070	1070	1070	800	1070	1070	800	800	800	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070
5'-primer(s) <sup>2</sup>	5'-ATA <sup>3'</sup> 363	5'-CTT <sup>3'</sup> 98	5'-AgT <sup>3'</sup> 123	5'-gga <sup>3'</sup> 341	5'-ATA <sup>3'</sup> 3 <sup>rd</sup> I	5'-TTA <sup>3'</sup> 171	5'-ATA <sup>3'</sup> 363	5'-gaa <sup>3'</sup> 203	5'-ATA <sup>3'</sup> 363	5'-CCC <sup>3'</sup> 113	5'-gaa <sup>3'</sup> 203	5'-Tgc <sup>3'</sup> 527	5'-ATA <sup>3'</sup> 363	5'-gaa <sup>3'</sup> 203	5'-ATA <sup>3'</sup> 363	5'-gaa <sup>3'</sup> 203	5'-ATA <sup>3'</sup> 363	5'-gaa <sup>3'</sup> 203	5'-gCC <sup>3'</sup> 215	5'-gaa <sup>3'</sup> 203	5'-CCg <sup>3'</sup> 355	5'-ATA <sup>3'</sup> 3 <sup>rd</sup> I	5'-gaa <sup>3'</sup> 203	5'-ATA <sup>3'</sup> 363
3'-primer(s) <sup>3</sup>	5'-CCg <sup>3'</sup> 559	5'-TCT <sup>3'</sup> 203	5'-TCT <sup>3'</sup> 203	5'-TCA <sup>3'</sup> 362	5'-ggg <sup>3'</sup> 621	5'-CgT <sup>3'</sup> 341	5'-TCA <sup>3'</sup> 539	5'-ACA <sup>3'</sup> 270	5'-CTA <sup>3'</sup> 553	5'-CgT <sup>3'</sup> 341	5'-CCA <sup>3'</sup> 299	5'-CAC <sup>3'</sup> 570	5'-CCA <sup>3'</sup> 527	5'-CCg <sup>3'</sup> 237	5'-CgT <sup>3'</sup> 559	5'-CgT <sup>3'</sup> 341	5'-TCC <sup>3'</sup> 531	5'-TCg <sup>3'</sup> 299	5'-CgT <sup>3'</sup> 341	5'-AgC <sup>3'</sup> 346	5'-CCg <sup>3'</sup> 570	5'-T.g <sup>3'</sup> 750	5'-TCT <sup>3'</sup> 203	5'-TCT <sup>3'</sup> 539
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 <sup>4</sup>																								
*01:01:01:01, 01:01:02-01:01:19, 01:45 <sup>5</sup>	1	2																18						
*01:01:01:02N	1	2						8								16		18						
*01:02	1		3															18						
*01:03		2		4														18						
*01:04N	1	2			5													18						
*01:06	1	2					7											18						
*01:07	1	2						8																
*01:08		2							9										18					
*01:09	1	2				6													18					
*01:10	1	2								10									18		20			
*01:11N	1	2									11								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

Length of spec.	235	145	120	305	470	125	215	110	235	155	135	85	205	75	235	180	210	135	170	65	125	590	160	215
PCR product(s)					210		180		270		275		120		235		425				255			
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
*01:12		2											13		15			18						24
*01:13	1	2									11			14										
*01:14		2													15			18						
*01:15N	1	2														16		18						
*01:16N	1	2															17	18						
*01:17	1	2												14				18						
*01:18N	1	w																18	19					
*01:19		2											13		15			18		20				24
*01:20			3															18			21			
*01:21	1	2											13					18		20				
*01:22N	1	2																18				22		
*01:23	1	2						8										18						
*01:24	1	w																18					23	
*01:25	1	2																18						24
*01:26	1	2																18		20				
*01:27N	1	2							9									18						
*01:28	1	2										11												
*01:29	1	2								10								18						
*01:30	1	2																18	19				23	
*01:31N	1	2																18						
*01:32	1	2																18						
*01:33	1	2																18						
*01:34N	1	2																18						
*01:35	1	2																18						
*01:36	1	2																18						
*01:37	1	2																18						
*01:38	1	2																18						
*01:39	1	2																18						
*01:40	1	2																18						
*01:41		2																18						
*01:42	1	2																18						
*01:43	1																	18						
*01:44	1	2																18			21			
*01:46	1	2																18						
*01:47, 01:49 <sup>6</sup>	1	2																18						
*01:48	1	2																18						
*01:50, 01:62 <sup>7</sup>	1	2																18						
*01:51	1	2						8										18						
*01:52N	1	2																18						
*01:53N, 01:54 <sup>8</sup>	1	2																18						
*01:55	1	2																18						
*01:56N	1	2																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
Length of spec.	235	145	120	305	470	125	215	110	235	155	135	85	205	75	235	180	210	135	170	65	125	590	160	215

PCR product(s)					210		180		270 275				120		235		425				255			
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
*01:57N	1	2																18						
*01:58	1	2																18						
*01:59	1	2												14				18						
*01:60	1	2				6												18						
*01:61	1	2																18						
*01:63		2																18						
*01:64	1	2																18						
*01:65	1	2																18						
*01:66		2																18			21			
*02:19, 02:36-02:37, 02:54, 02:255, 24:14, 24:93																					21			
*02:156, 11:35							7						w		15									
*02:262, 24:22																			19				23	
*03:01:01:01-03:01:05, 03:01:07-03:01:19, 03:03N-03:04, 03:06, 03:08-03:09, 03:11N- 03:17, 03:19-03:20, 03:23-03:30, 03:33- 03:39, 03:41, 03:43- 03:64, 03:66-03:68N, 03:70-03:72, 03:74, 03:78-03:81, 32:04																15								
*03:02, 03:10, 03:31- 03:32, 03:73, 03:76, 03:82, 24:92														13		15								24
*03:05, 30:35							7									15								
*03:07													w			15								
*03:18, 11:01:04, 11:08, 11:23, 11:44	1																							
*03:21N					5											15								
*03:22																15								
*03:42, 31:03-31:04							7						w			15								
*03:65, 03:69N, 11:04, 11:27																15								24
*03:77																15								
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.	235	145	120	305	470	125	215	110	235	155	135	85	205	75	235	180	210	135	170	65	125	590	160	215
PCR product(s)						210		180		270	275			120		235				425	255			
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





85	450	160	95	155	145	240	110	180	125	105	90	65	100	205	160	140	190	560	90	140	155	295	105	Length of spec. PCR product(s)
				140				215 185 175				180								325				Well No.
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								*01:12
																								*01:13
																								*01:14
																								*01:15N
																								*01:16N
																								*01:17
																								*01:18N
																								*01:19
																								*01:20
																								*01:21
																								*01:22N
																								*01:23
																								*01:24
																								*01:25
																								*01:26
																								*01:27N
																								*01:28
																								*01:29
																								*01:30
25																								*01:31N
	26																							*01:32
		27																						*01:33
			28																					*01:34N
				29																				*01:35
					30										40									*01:36
						31																		*01:37
														39										*01:38
																						46		*01:39
																							47	*01:40
																							47	*01:41
							32																	*01:42
																								*01:43
																							44	*01:44
										35														*01:46
																41								*01:47, 01:49 <sup>6</sup>
																								*01:48
													38											*01:50, 01:62 <sup>7</sup>
25																								*01:51
																					45			*01:52N
										36														*01:53N, 01:54 <sup>8</sup>
																							48	*01:55
																	43							*01:56N
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
85	450	160	95	155	145	240	110	180	125	105	90	65	100	205	160	140	190	560	90	140	155	295	105	Length of spec.

				140				215 185 175				180								325				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	48	Well No.
							32																	*01:57N
25								34																*01:58
								34																*01:59
																								*01:60
						31		33																*01:61
																			42					*01:63
																37								*01:64
																								*01:65
																								*01:66
																								*02:19, 02:36-02:37, 02:54, 02:255, 24:14, 24:93
																								*02:156, 11:35
																								*02:262, 24:22
																								*03:01:01:01-03:01:05, 03:01:07-03:01:19, 03:03N-03:04, 03:06, 03:08-03:09, 03:11N- 03:17, 03:19-03:20, 03:23-03:30, 03:33- 03:39, 03:41, 03:43- 03:64, 03:66-03:68N, 03:70-03:72, 03:74, 03:78-03:81, 32:04
																								*03:02, 03:10, 03:31- 03:32, 03:73, 03:76, 03:82, 24:92
																								*03:05, 30:35
																								*03:07
																								*03:18, 11:01:04, 11:08, 11:23, 11:44
																								*03:21N
								33																*03:22
								33																*03:42, 31:03-31:04
																								*03:65, 03:69N, 11:04, 11:27
				29																				*03:77
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
85	450	160	95	155	145	240	110	180	125	105	90	65	100	205	160	140	190	560	90	140	155	295	105	Length of spec.
							140		215	185	175		180									325		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	48	Well No.

