

INTERPRETATION TABLE

HLA-A*01 SSP subtyping

Amplification patterns of the A*01:01 to 01:101 alleles

	Well ¹¹																							
	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	165	215
PCR product(s)						210		180		270	275			120		235				425	255			
Length of int. pos. control ¹	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) ²	363	98	123	341	3rd I	171	363	203	363	113	203	527	363	203	363	203	363	203	215	203	355	3rd I	89	363
	5'-ATA ^{3'}	5'-CTT ^{3'}	5'-AgT ^{3'}	5'-ggA ^{3'}	5'-ATA ^{3'}	5'-TTA ^{3'}	5'-ATA ^{3'}	5'-gAA ^{3'}	5'-ATA ^{3'}	5'-CCC ^{3'}	5'-gAA ^{3'}	5'-TgC ^{3'}	5'-ATA ^{3'}	5'-gAA ^{3'}	5'-ATA ^{3'}	5'-gAA ^{3'}	5'-ATA ^{3'}	5'-gAA ^{3'}	5'-gCC ^{3'}	5'-gAA ^{3'}	5'-CCg ^{3'}	5'-ATA ^{3'}	5'-gAA ^{3'}	5'-ATA ^{3'}
						257				413	363					363			413	521	484		413	
						CCC ^{3'}				CCC ^{3'}	ATA ^{3'}					ATA ^{3'}			CCA ^{3'}	ggC ^{3'}	ACT ^{3'}		CCA ^{3'}	
3'-primer(s) ³	559	203	203	362	621	341	539	271	553	341	299	570	527	237	559	341	531	299	341	346	570	750	203	539
	5'-CCg ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-TCA ^{3'}	5'-ggg ^{3'}	5'-CgT ^{3'}	5'-TCA ^{3'}	5'-CAC ^{3'}	5'-CTA ^{3'}	5'-CgT ^{3'}	5'-CCA ^{3'}	5'-CAC ^{3'}	5'-CCA ^{3'}	5'-CCg ^{3'}	5'-CgT ^{3'}	5'-CgT ^{3'}	5'-TCC ^{3'}	5'-TCg ^{3'}	5'-CgT ^{3'}	5'-AgC ^{3'}	5'-CCg ^{3'}	5'-T.g ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}
	559							341	559	527	597			282	559	557			545	545			545	
	CCg ^{3'}							CgT ^{3'}	CCA ^{3'}	CCC ^{3'}	TTA ^{3'}			gAC ^{3'}	CgT ^{3'}	gC ^{3'}			AgA ^{3'}	AgA ^{3'}			AgA ^{3'}	
														282					545				545	
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}																								
*01:01:01:01, 01:01:02-01:01:22, 01:01:24-01:01:31, 01:01:33-01:01:37, 01:01:39-01:01:43, 01:67-01:68, 01:70-01:72, 01:74-01:79, 01:82, 01:84-01:86, 01:88, 01:90-01:91, 01:93-01:94, 01:96-01:97, 01:99-01:101	1	2																18						
*01:01:01:02N	1	2						8								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
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	165	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
*01:01:23, 01:73, 01:89		2																18						
*01:01:32, 01:80	1																	18						
*01:01:38L	1	2																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						
*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, 01:83	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							
*01:35	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							
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	165	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
*01:44	1	2																18			21			
*01:45	1	2																18						
*01:46	1	2																18						
*01:47, 01:49 ⁶	1	2																18						
*01:48	1	2																18						
*01:50, 01:62 ⁷	1	2																18						
*01:51	1	2						8										18						
*01:52N	1	2																18						
*01:53N, 01:54 ⁸	1	2																18						
*01:55	1	2																18						
*01:56N	1	2																18						
*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, 01:92 ⁹	1	2																18						
*01:66		2																18			21			
*01:69, 03:18, 11:01:04, 11:08, 11:23, 11:44, 11:94 ¹⁰	1																							
*01:81	1	2																18						
*01:87N	1	2																18						
*01:95	1	2																						
*01:98	1	2																18						
*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, 24:160																			19				23	
*02:315																								
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	165	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

INTERPRETATION TABLE

HLA-A*01 SSP subtyping

Amplification patterns of the A*01:01 to 01:101 alleles

Well ¹¹																									
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
85	545	110	95	155	140	240	110	180	125	105	90	65	100	205	160	140	110	550	65	65	85	295	95	Length of spec. PCR product(s)	
1070	1070	1070	1070	800	1070	1070	1070	800	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070	1070	Length of int. pos. control ¹	
5'-gAA ^{3'}	5'-ATA ^{3'}	5'-CTT ^{3'}	5'-CCC ^{3'}	5'-ATA ^{3'}	5'-gAA ^{3'}	5'-CAC ^{3'}	5'-ACC ^{3'}	5'-ATA ^{3'}	5'-CAT ^{3'}	5'-gAA ^{3'}	5'-CCg ^{3'}	5'-CgT ^{3'}	5'-ACA ^{3'}	5'-CCA ^{3'}	5'-Cgg ^{3'}	5'-CCg ^{3'}	5'-ACA ^{3'}	5'-ATA ^{3'}	5'-TAG ^{3'}	5'-TTA ^{3'}	5'-ATA ^{3'}	5'-gga ^{3'}	5'-CTg ^{3'}	5'-primer(s) ²	
		650			650	383	385		257	413		548	363				650		545	545	831		831		
5'-CCg ^{3'}	5'-ggT ^{3'}	5'-gCT ^{3'}	5'-TCT ^{3'}	5'-CCA ^{3'}	5'-TCT ^{3'}	5'-CCg ^{3'}	5'-TCT ^{3'}	5'-CTg ^{3'}	5'-CgT ^{3'}	5'-CCA ^{3'}	5'-gCC ^{3'}	5'-CgT ^{3'}	5'-CgA ^{3'}	5'-CCg ^{3'}	5'-AgA ^{3'}	5'-CAG ^{3'}	5'-CCg ^{3'}	5'-CCA ^{3'}	5'-CCA ^{3'}	5'-CCg ^{3'}	5'-CCA ^{3'}	5'-TgA ^{3'}	5'-gCC ^{3'}	3'-primer(s) ³	
237	622	218	705	476	299	570	203	502	341	265	461	341	241	570	545	510	250	704	570	570	479	353	413		
251	704	721			755		454			556	549	570	420				721	723			874	382	874		
5'-CCT ^{3'}	5'-CCA ^{3'}	5'-CA ^{3'}			5'-CCA ^{3'}		5'-CTA ^{3'}			5'-gCT ^{3'}	5'-AgT ^{3'}	5'-CCg ^{3'}	5'-gCT ^{3'}				5'-CA ^{3'}	5'-TgT ^{3'}			5'-CTC ^{3'}	5'-CCA ^{3'}	5'-CTC ^{3'}		
259																									
5'-gTT ^{3'}																									
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. HLA-A allele ^{4,5}	
																								*01:01:01:01, 01:01:02- 01:01:22, 01:01:24- 01:01:31, 01:01:33- 01:01:37, 01:01:39- 01:01:43, 01:67-01:68, 01:70-01:72, 01:74-01:79, 01:82, 01:84 01:86, 01:88, 01:90- 01:91, 01:93-01:94, 01:96 01:97, 01:99-01:101 *01:01:01:02N	
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	545	110	95	155	140	240	110	180	125	105	90	65	100	205	160	140	110	550	65	65	85	295	95	Length of spec.	

