

INTERPRETATION TABLE																
HLA-A low resolution SSP typing																
Amplification patterns of the A*01:01 to A*80:02 alleles																
		Well ^{6,8}														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.		120	210	235	190	160	135	175	165	75	85	80	125	175	100	90
PCR product(s)		145	255			535	175	205	200			175	185	225	200	135
			365				210					500			240	205
			415													
Length of int. pos. control ¹		800	800	1070	800	800	800	1070	800	800	1070	1070	800	1070	1070	1070
5'-primer(s) ²		98	48	363	98	144	176	98	98	266	257	301	103	98	98	203
		5'-CTT ^{3'}	5'-gCT ^{3'}	5'-ATA ^{3'}	5'-CTA ^{3'}	5'-gCC ^{3'}	5'-gCA ^{3'}	5'-CTC ^{3'}	5'-CTA ^{3'}	5'-ACg ^{3'}	5'-Cgg ^{3'}	5'-Cgg ^{3'}	5'-CCT ^{3'}	5'-CTT ^{3'}	5'-CAC ^{3'}	5'-gAA ^{3'}
		103	78		413	317	368	368	102	266	259	302	423	423	238	362
		5'-CCT ^{3'}	5'-TCT ^{3'}		5'-CCg ^{3'}	5'-gCT ^{3'}	5'-gTT ^{3'}	5'-gTT ^{3'}	5'-ACA ^{3'}	5'-ACg ^{3'}	5'-CgA ^{3'}	5'-ggA ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-AgA ^{3'}	5'-ggT ^{3'}
		123	106						413	266	261	385			355	363
		5'-AgT ^{3'}	5'-CCA ^{3'}						5'-CCg ^{3'}	5'-Agg ^{3'}	5'-AAC ^{3'}	5'-ggC ^{3'}			5'-CCg ^{3'}	5'-ATA ^{3'}
																363
																5'-ATA ^{3'}
																369
																5'-TAC ^{3'}
3'-primer(s) ³		203	240	555	256	265	270	259	259	302	299	341	257	282	257	299
		5'-TCT ^{3'}	5'-ggA ^{3'}	5'-gCA ^{3'}	5'-CTg ^{3'}	5'-CCC ^{3'}	5'-ACA ^{3'}	5'-gTT ^{3'}	5'-gTT ^{3'}	5'-ggC ^{3'}	5'-TCg ^{3'}	5'-CgT ^{3'}	5'-gCA ^{3'}	5'-gAC ^{3'}	5'-gCA ^{3'}	5'-CCA ^{3'}
			292	555	559	570	502	502	259			521	506	282	299	411
			5'-gTg ^{3'}	5'-CCA ^{3'}	5'-CCg ^{3'}	5'-CCg ^{3'}	5'-CTg ^{3'}	5'-CTT ^{3'}	5'-gTT ^{3'}			5'-ggg ^{3'}	5'-TgT ^{3'}	5'-gAC ^{3'}	5'-TCg ^{3'}	5'-TCA ^{3'}
							538	539	538				559	559	418	526
							5'-CAG ^{3'}	5'-TCT ^{3'}	5'-CCA ^{3'}				5'-CTC ^{3'}	5'-CCg ^{3'}	5'-gTC ^{3'}	5'-CCA ^{3'}
													559		555	
													5'-CgT ^{3'}		5'-CCA ^{3'}	
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
HLA-A allele ⁴	ser ⁵															
*01:01:01:01-01:01:22, 01:01:24-01:01:31, 01:01:33- 01:01:43, 01:04N, 01:07, 01:09-01:11N, 01:16N- 01:18N, 01:22N-01:27N, 01:29, 01:31N-01:33, 01:35- 01:50, 01:52N, 01:54-01:62, 01:64, 01:67-01:68, 01:70- 01:72, 01:74-01:78, 01:80- 01:82, 01:84-01:94, 01:96- 01:97, 01:100-01:101	A1, Null, -	1			4											
*01:01:23, 01:08, 01:30, 01:79, 01:99	A1, -	1														
*01:01:32, 01:69	-				4											
*01:02	A1	1			4											
*01:03, 01:06, 01:53N, 01:63, 01:65-01:66, 01:73, 01:98	A1, Null, -	1			4											
*01:12, 01:19	A1, -	1														
*01:13	A1	1			4							11		13		15
*01:14-01:15N	A1, Null	1														
*01:20	A1	1			4											
*01:21	A1	1			4											
*01:28	-	1			4							11				15
*01:51	-	1			4				8		10					
*01:83	-	1			4						10					
*01:95	-	1			4	5										
*02:01:01:01-02:01:15, 02:01:17-02:01:19, 02:01:21- 02:16, 02:18-02:22:02, 02:24:01-02:33, 02:36-02:45, 02:47, 02:49-02:54, 02:57- 02:61, 02:63-02:69, 02:71- 02:77, 02:79:01-02:97:02, 02:99, 02:101:01-02:102, 02:104-02:128, 02:130- 02:134, 02:136-02:145, 02:147-02:155, 02:157- 02:168, 02:170-02:236, 02:238-02:242, 02:244- 02:308, 02:310-02:323, 02:325-02:326	A2, A19, Low A2, A203, A210, Null, -		2													
*02:17:01-02:17:02	A2		2					w								
*02:34-02:35:01, 02:35:03, 02:56:01-02:56:02, 02:62, 02:103	A2		2											13		
*02:35:02	A2													13		
*02:46, 02:70	A2		2													
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

[illegible]

Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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[illegible]

[illegible]

[illegible]

*36:02	A36	1		3												
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
HLA-A allele⁴	ser ⁵															
*36:04	A36	1			4											
*43:01	A43												12	13		
*66:01, 66:04-66:08, 66:10-66:11, 66:13-66:15	A66, A26, –								8			11		13		
*66:02, 66:16	A66, –								8				12			
*66:03	A10								8				12			
*66:09	–								8			11		13	14	
*66:12	–								8					13		
*68:01:01-68:02:04, 68:06-68:12, 68:14, 68:16-68:19, 68:21:01-68:28, 68:32-68:39, 68:41-68:44, 68:46-68:65, 68:67-68:70, 68:73-68:83	A68, A28, Null, –								8							
*68:03:01-68:04, 68:31, 68:40, 68:72	A68, –								8							
*68:05, 68:15, 68:20	A68		w						8							
*68:13, 68:66	A68				4				8							
*68:29	A68								8							
*68:30	A68								8							
*68:45	–							7	8							
*68:71	–								8					13		
*69:01	A69								8							
*74:01-74:05, 74:08-74:12N, 74:14N-74:15	A74, Null, –															
*74:06	A74															
*74:07	A74															
*74:13	–													13		
*80:01	A80						6									
*80:02	–						6					11				
B*18:27	–						6									
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	INTERPRETATION TABLE																
	HLA-A low resolution SSP typing																
	Amplification patterns of the A*01:01 to A*80:02 alleles																
	Well ^{6,8}																
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
240	140	200	160	220	240	85	70	360	190	195	205	100	260	180	110	Neg. Control	
370	180		200	245	375	240	160		400	225					195		
395							240										
							495										
1070	1070	1070	800	800	800	800	800	1070	1070	800	1070	1070	800	1070	1070		Le
41	180	98	180	78	28	78	176	341	41	103	363	282	74	418	270	Negative Control	
5'-CTT ^{3'}	5'-TTT ^{3'}	5'-CAC ^{3'}	5'-TTT ^{3'}	5'-TCT ^{3'}	5'-TCg ^{3'}	5'-TCT ^{3'}	5'-gCA ^{3'}	5'-ggC ^{3'}	5'-CTT ^{3'}	5'-CCT ^{3'}	5'-ATA ^{3'}	5'-Cag ^{3'}	5'-C ^{3'}	5'-AgA ^{3'}	5'-AAA ^{3'}		
355	203			106	261	527	261		123	363		282	78	423	363		
5'-CCg ^{3'}	5'-gAA ^{3'}			5'-CCA ^{3'}	5'-AAC ^{3'}	5'-TgC ^{3'}	5'-AAC ^{3'}		5'-AgT ^{3'}	5'-ATA ^{3'}		5'-Cag ^{3'}	5'-TCC ^{3'}	5'-gCT ^{3'}	5'-ATA ^{3'}		
	418			2 nd I			341										
	5'-AgC ^{3'}			5'-CCT ^{3'}			5'-ggA ^{3'}										
							355										
							5'-CCC ^{3'}										
238	290	256	299	265	97	265	292	418	270	257	527	341	292	559	341		
5'-CCT ^{3'}	5'-CAA ^{3'}	5'-CCC ^{3'}	5'-CCA ^{3'}	5'-CCC ^{3'}	5'-ggT ^{3'}	5'-CCC ^{3'}	5'-gTg ^{3'}	5'-gTC ^{3'}	5'-ACA ^{3'}	5'-gCA ^{3'}	5'-CCA ^{3'}	5'-Cgg ^{3'}	5'-gTg ^{3'}	5'-CCg ^{3'}	5'-CgT ^{3'}		
243	317	256	299	282	355	282	292		270	545	527			559	517		
5'-TCA ^{3'}	5'-ggA ^{3'}	5'-CTC ^{3'}	5'-CCA ^{3'}	5'-gAC ^{3'}	5'-gAC ^{3'}	5'-gAC ^{3'}	5'-gTT ^{3'}		5'-ACT ^{3'}	5'-AgA ^{3'}	5'-CCT ^{3'}			5'-CCg ^{3'}	5'-CgT ^{3'}		
265	555	259	341	282		282	299										
5'-CCC ^{3'}	5'-CCA ^{3'}	5'-gTT ^{3'}	5'-CgT ^{3'}	5'-gAC ^{3'}		5'-gAC ^{3'}	5'-TCT ^{3'}										
555				502		570	555										
5'-CCA ^{3'}				5'-CTT ^{3'}		5'-CAC ^{3'}	5'-CCA ^{3'}										
				506													
				5'-TgT ^{3'}													
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
																	ser ⁵
										26							A1, Null, –
										26							A1, –
										26							–
									25	26							A1
																	A1, Null, –
											27						A1, –
										26							A1
																	A1, Null
									25								A1
										26	27						A1
										26							–
										26							–
										26							–
	17									26							–
																	A2, A19, Low A2, A203, A210, Null, –
																	A2
				20		22						28					A2
				20		22						28					A2
				20		22											A2
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
																	ser ⁵
				20		22											A2, –
					21		23										A2, A28
				20		22						28					–
								24						30			–
																	–
											27						–
																	–
16																	–
		18			21												–
								24									–
																	A3, Null, –
												27	28				A3, –
												28					A3
								24			27	28					–
											27	28					–
											27	28					A3, –
											27						A3, Null, –
											27	28	29				A3
											27	28					A3
										26		28					–
											27	28					A3
											27						A3, –
											27	28					A3
							23				27						–
	17										27	28					–

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
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16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
																	ser ⁵
							23				27	28					–
							23					28					–
							23				27						–
											27						–
16												28					–
											27		29				–
																	A11, Null, –
													29				A11, –
																	A11
										26							–
												28					A11
											27						A11, –
										26							–
																	A23, Null, –
												28					A23
																	A23, A9, A24
																	A24, Low A24, A2403, A9, Null, –
												28					A24, –
																	A24, –
							23										A24, A3
																	A9
												28					A9
					21												–
																	–
																	–
											27						–

[illegible]

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
																	ser ⁵
									25				29				A30, –
									25			28	29				A30, –
									25		27	28					A30
									25			28					A30
									25		27		29				A30, –
												28					–
																	–
16									25								A31, Null, –
16									25		27						A31
16								24	25		27						A31
16									25								A31, A24
16																	A31, –
16									25								–
16	17								25								–
	17								25								A32, –, Null
	17								25								A32
									25		27						A32, A3
16	17								25								A32
	17								25								A32
	17								25								A32
	17								25			28					–
	17																–
	17								25					30			–
		18							25								A33, –
		18							25								–
		18							25								–
		18			21				25								–
		18				23			25				29				–
		18							25		27						–
									25								–
															31		A34, –
											27				31		A34
											27						A34
											27				31		A34
											27				31		A10
											27				31		A34
								24			27	28			31		–
					22												A36, –

Negative Control

					22	23											A36
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
																	ser ⁵
					22				26								A36
									26				30				A43
													30				A66, A26, –
								24				28					A66, –
								24									A10
					21								30				–
								24				28	30				–
				20								28					A68, A28, Null, –
				20													A68, –
				20			23						29				A68
				20								28					A68
		18		20	21							28					A68
				20								28					A68
				20								28					–
				20								28					–
					21							28					A69
			19						25								A74, Null, –
			19						25				29				A74
	17		19						25								A74
			19						25			28					–
							23										A80
																	–
																	–
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

[illegible]

Well No.
HLA-A allele ⁴
*01:01:01:01-01:01:22, 01:01:24-01:01:31, 01:01:33- 01:01:43, 01:04N, 01:07, 01:09-01:11N, 01:16N- 01:18N, 01:22N-01:27N, 01:29, 01:31N-01:33, 01:35- 01:50, 01:52N, 01:54-01:62, 01:64, 01:67-01:68, 01:70- 01:72, 01:74-01:78, 01:80- 01:82, 01:84-01:94, 01:96- 01:97, 01:100-01:101
*01:01:23, 01:08, 01:30, 01:79, 01:99
*01:01:32, 01:69
*01:02
*01:03, 01:06, 01:53N, 01:63, 01:65-01:66, 01:73, 01:98
*01:12, 01:19
*01:13
*01:14-01:15N
*01:20
*01:21
*01:28
*01:51
*01:83
*01:95
*02:01:01:01-02:01:15, 02:01:17-02:01:19, 02:01:21- 02:16, 02:18-02:22:02, 02:24:01-02:33, 02:36-02:45, 02:47, 02:49-02:54, 02:57- 02:61, 02:63-02:69, 02:71- 02:77, 02:79:01-02:97:02, 02:99, 02:101:01-02:102, 02:104-02:128, 02:130- 02:134, 02:136-02:145, 02:147-02:155, 02:157- 02:168, 02:170-02:236, 02:238-02:242, 02:244- 02:308, 02:310-02:323, 02:325-02:326
*02:17:01-02:17:02
*02:34-02:35:01, 02:35:03, 02:56:01-02:56:02, 02:62, 02:103
*02:35:02
*02:46, 02:70
Well No.

Well No.
HLA-A allele ⁴
*02:48, 02:129
*02:55
*02:78
*02:135
*02:146
*02:156
*02:169
*02:237
*02:243
*02:309
*03:01:01:01-03:01:01:03, 03:01:04-03:01:05, 03:01:07- 03:01:13, 03:01:15-03:01:18, 03:01:20-03:01:22, 03:01:24- 03:01:29, 03:01:31-03:04:02, 03:06-03:07, 03:11N, 03:13- 03:17, 03:19-03:22:02, 03:23:02, 03:25-03:28, 03:31, 03:33, 03:35, 03:37-03:39, 03:44-03:49, 03:51-03:53, 03:55-03:56, 03:58, 03:60- 03:61, 03:67-03:71, 03:73- 03:74, 03:76-03:81, 03:83- 03:87, 03:90-03:94, 03:96- 03:97, 03:99-03:104, 03:106, 03:109-03:110, 03:112- 03:121, 03:123-03:126, 03:128-03:132
*03:01:02, 03:01:06, 03:01:14, 03:54, 03:64-03:66, 03:127
*03:01:03, 03:23:01
*03:01:19
*03:01:23, 03:57, 03:59, 03:72, 03:111
*03:01:30, 03:05, 03:10, 03:40, 03:42, 03:98, 03:105, 03:122
*03:08, 03:32, 03:36N, 03:107
*03:09
*03:12
*03:18
*03:24
*03:29, 03:34, 03:62
*03:30
*03:41
*03:43, 03:82

Well No.

Well No.
HLA-A allele ⁴
*03:50
*03:63
*03:75
*03:88
*03:89
*03:95
*03:108
*11:01:01-11:05, 11:07-11:09, 11:13-11:17, 11:19-11:24:02, 11:26-11:27, 11:29-11:30, 11:32-11:34, 11:36-11:59, 11:61-11:93, 11:95-11:106
*11:06, 11:18
*11:10
*11:11
*11:12
*11:25, 11:31, 11:35, 11:60
*11:94
*23:01:01-23:12, 23:15-23:46
*23:13
*23:14, 24:05, 24:13:02 ⁷
*24:02:01:01-24:04, 24:06, 24:08-24:11N, 24:13:01, 24:17, 24:20-24:23, 24:25-24:27, 24:29-24:43, 24:45N-24:50, 24:54-24:56, 24:58-24:63, 24:66-24:81, 24:83N-24:88, 24:90N-24:91, 24:93, 24:95-24:107, 24:109-24:111, 24:113, 24:115-24:128, 24:130, 24:132N-24:137, 24:139-24:182
*24:07, 24:108, 24:112, 24:131
*24:14-24:15, 24:51-24:53, 24:57, 24:64, 24:94, 24:114, 24:138
*24:18
*24:19, 24:44
*24:24
*24:28
*24:82
*24:89
*24:129
*24:92

Well No.
Well No.
HLA-A allele ⁴
*25:01:01-25:04, 25:07-25:12N, 25:14-25:16
*25:05
*25:06
*25:13
*26:01:01-26:01:20, 26:01:22, 26:08, 26:10-26:15, 26:17-26:18, 26:20, 26:23-26:29, 26:31-26:33, 26:35-26:43:02, 26:45-26:53, 26:55-26:63, 26:66-26:69
*26:01:21, 26:04, 26:34
*26:02
*26:03:01-26:03:02
*26:06, 26:21
*26:05
*26:07:01, 26:64
*26:07:02
*26:09
*26:16
*26:19
*26:22
*26:30
*26:54
*26:65
*29:01:01:01-29:06, 29:08N-29:12, 29:15-29:18, 29:21-29:27, 29:29, 29:31
*29:07
*29:13
*29:14
*29:19
*29:20
*29:28
*29:30
*30:01:01-30:01:05, 30:11:01 30:11:02, 30:14L-30:15, 30:19-30:20, 30:23-30:26, 30:30, 30:35-30:40, 30:42-30:43, 30:48-30:49, 30:52-30:54
*30:02:01-30:03, 30:07, 30:10, 30:22, 30:27N-30:28, 30:32-30:34, 30:45, 30:47, 30:50-30:51
*30:04:01-30:04:02, 30:06, 30:09, 30:29
*30:12, 30:31

Well No.
Well No.
HLA-A allele ⁴
*30:12, 30:31
*30:13, 30:44
*30:16
*30:17
*30:18, 30:41
*30:46
*30:55
*31:01:02-31:02, 31:05-31:07, 31:10-31:27, 31:30-31:34, 31:36-31:54
*31:03
*31:04
*31:08
*31:09, 31:28
*31:29
*31:35
*32:01:01-32:02, 32:06-32:12, 32:14, 32:16, 32:18-32:23, 32:25, 32:27-32:36
*32:03
*32:04
*32:05
*32:13
*32:15
*32:17
*32:24
*32:26
*33:01:01-33:01:06, 33:03:01-33:12, 33:14-33:18, 33:20-33:21, 33:23, 33:25-33:47, 33:50
*33:13, 33:48
*33:19
*33:22
*33:24
*33:49
*33:51
*34:01:01-34:01:02, 34:02:02, 34:05
*34:02:01, 34:07
*34:03
*34:04
*34:06
*34:08
*34:09
*36:01, 36:03, 36:05

*36:02
Well No.
Well No.
HLA-A allele⁴
*36:04
*43:01
*66:01, 66:04-66:08, 66:10-66:11, 66:13-66:15
*66:02, 66:16
*66:03
*66:09
*66:12
*68:01:01:01-68:02:04, 68:06-68:12, 68:14, 68:16-68:19, 68:21:01-68:28, 68:32-68:39, 68:41-68:44, 68:46-68:65, 68:67-68:70, 68:73-68:83
*68:03:01-68:04, 68:31, 68:40, 68:72
*68:05, 68:15, 68:20
*68:13, 68:66
*68:29
*68:30
*68:45
*68:71
*69:01
*74:01-74:05, 74:08-74:12N, 74:14N-74:15
*74:06
*74:07
*74:13
*80:01
*80:02
<i>B*18:27</i>
Well No.