

INTERPRETATION TABLE																
HLA-B*55 SSP subtyping																
Amplification patterns of the B*55:01 to B*55:57 alleles																
	Well ⁷															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Length of int. pos. control ¹	800	1070	1070	1070	800	1070	1070	800	1070	1070	1070	1070	1070	800	1070	1070
5'-primer(s) ²	41	379	420	106	363	245	419	48	48	175	186	103	420	1 st	357	357
	5'-CTg ^{3'}	5'-ACC ^{3'}	5'-TTA ^{3'}	5'-CCA ^{3'}	5'-AgC ^{3'}	5'-ggC ^{3'}	5'-gTA ^{3'}	5'-gCC ^{3'}	5'-gCC ^{3'}	5'-TgA ^{3'}	5'-AgA ^{3'}	5'-CCT ^{3'}	5'-TTA ^{3'}	5'-CAg ^{3'}	5'-Tgg ^{3'}	5'-Tgg ^{3'}
		379							272		420					
		5'-ACC ^{3'}							5'-CTA ^{3'}		5'-TTA ^{3'}					
3'-primer(s) ³	272	463	527	299	559	302	559	302	94	206	272	272	527	175	559	559
	5'-TgT ^{3'}	5'-gCT ^{3'}	5'-CCT ^{3'}	5'-TCA ^{3'}	5'-CgT ^{3'}	5'-ggC ^{3'}	5'-CAg ^{3'}	5'-ggT ^{3'}	5'-gAC ^{3'}	5'-CCC ^{3'}	5'-TgT ^{3'}	5'-TgT ^{3'}	5'-CCA ^{3'}	5'-CCg ^{3'}	5'-CgT ^{3'}	5'-CAg ^{3'}
									362		469					
									5'-TCA ^{3'}		5'-CCg ^{3'}					
											559					
											5'-CTC ^{3'}					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-B allele ^{4,5}																
*55:01:01-55:01:06, 55:01:08-55:01:10, 55:53-55:54	1	2	3												15	
*55:01:07	1	2	3													
*55:02:01-55:02:06	1	2											13		15	
*55:03	1	2	3	4											15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					

											180					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*55:04	1				5											
*55:05	1	2	3			6									15	
*55:07, 54:01:02⁶	1	2								10			13		15	
*55:08, 55:51	1						7									
*55:09	1	2	3								11					
*55:10	1	2										12	13		15	
*55:11	1	2	3						9						15	
*55:12	1	2						8					13		15	
*55:13	1	2													15	
*55:14	1								9							
*55:15	1	2	3								11				15	
*55:16	1	2											13		15	
*55:17	1														15	
*55:18		2											13		15	
*55:19	1	2											13		15	
*55:20	1														15	
*55:21	1	2													15	
*55:22	1	2									11		13			
*55:23	1	2													15	
*55:24	1	2	3								11					
*55:25	1	2	3						w						15	
*55:26	1	2											13		15	
*55:27	1	2													15	
*55:28	1	2													15	
*55:29	1	2	3												15	
*55:30	1	2											13		15	
*55:31	1	2	3												15	
*55:32	1	2													15	
*55:33	1	2	3												15	
*55:34		2											13		15	
*55:35	1	2											13		15	
*55:36	1	2	3												15	
*55:37	1	2											w		15	
*55:38	1		3												15	
*55:39	1	2											13		15	
*55:40	1	2	3												15	
*55:41	1	2											13		15	
*55:42	1	2											13		15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

*55:43	1	2											13		15	
*55:44	1	2	3												15	
*55:45	1	2	3												15	
*55:46	1	2													15	
*55:47		2											13		15	
*55:48	1	2									11		13		15	
*55:49	1			4	5											
*55:50	1	2											13		15	
*55:52	1	2	w												15	
*55:55N	1	2	3												15	
*55:56	1	2													15	
*55:57	1	2													15	
*07:02:01-07:02:18, 07:02:20-07:02:27, 07:02:29-07:02:37, 07:04-07:07, 07:09, 07:11-07:12, 07:14-07:15, 07:17-07:18:02, 07:21-07:23, 07:25-07:26, 07:28, 07:30, 07:33, 07:35-07:36, 07:39-07:42, 07:44-07:49N, 07:51-07:59, 07:61-07:64, 07:66-07:68:03, 07:73-07:77, 07:79-07:82, 07:87-07:99, 07:101-07:124, 07:126-07:130, 07:132-07:142, 07:144-07:176, 38:26, 42:13, 67:01:01-67:01:02, 67:03, 81:02												12				
*07:02:19												12		14		
*07:13, 67:02, C*07:01:22, C*07:02:31, C*08:16:02, C*15:02:06										10						
*07:19, 07:31, 07:34, 07:43, 42:01:01-42:01:03, 42:05:01-42:06, 42:08, 42:10, 42:12, 42:14-42:16					5							12				
*07:20, 07:24, 07:60, 07:100, 07:131							7					12				
*07:65, 44:90, 56:03, 56:12, 56:18, 56:31-56:32	1															
*07:78			w								11	12				
*07:84												12				
*07:143												w				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

*08:01:01-08:05, 08:07-08:08N, 08:10, 08:13-08:14, 08:17-08:20, 08:22-08:24, 08:26-08:39, 08:41-08:48, 08:50-08:59, 08:61-08:78, 08:80-08:82N, 08:85-08:88, 08:90-08:105, 14:05, 14:13, 35:87, 38:19, 39:03, 39:14, 39:24:01-39:24:02, 39:29, 39:37, 39:76, 40:39, 41:02:01-41:02:04, 41:04, 41:10-41:11, 41:13, 41:15, 41:18, 41:23-41:24, 42:07, 42:11, C*08:08					5											
*08:09, 08:84, 15:83, 51:36															15	
*08:15				4	5											
*08:21, 08:25, 15:09-15:10:02, 15:30, 15:37, 15:45, 15:48, 15:63, 15:90, 15:99, 15:150, 15:243, 15:248, 27:76, 35:09:01-35:09:03, 35:12:01-35:12:03, 35:18, 35:22, 35:39, 35:44, 35:149, 35:199, 35:201, 40:05, 40:26, 40:63, 40:92, 40:174, 44:62, 44:77, 44:82, 44:107, 44:123, 51:04, 51:06:01-51:06:02, 51:46, 51:59, 51:64, 51:135, 51:139, 51:148, 57:02:01-57:03:02, 57:07, 57:09, 57:12, 57:17, 57:28N, 57:39, 57:42, 57:46, 57:57, C*03:81, C*03:152																
*08:83					5											
*13:01:01-13:02:15, 13:07N-13:09, 13:11, 13:14-13:15, 13:17, 13:19, 13:22:01-13:23, 13:25, 13:27-13:30, 13:32-13:34, 13:36-13:40, 13:42-13:45, 13:47, 13:49N-13:50, 13:52, 13:54-13:58, 13:60-13:61, 13:63N		2									11		13			
*13:03, 49:11, 51:15, 56:14, 56:17, 56:33		2											13			16
*13:04, 15:16:01-15:16:03, 15:67, 15:95, 15:222, 15:254, 35:37, 49:04-49:05		2														16
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*13:06		2											13			
*13:12, 15:86, 44:10		2											13			

[illegible]

[illegible]

*27:81, 40:06:01:01-40:06:06, 40:53, 40:70, 40:75, 40:83, 40:93, 40:95-40:96, 40:103, 40:109-40:110, 40:127, 40:131, 40:148, 40:162, 40:165, 40:167, 40:177, 40:190, 51:01:32, 51:10, 51:16, 51:31, 51:34, 51:93, 51:144, 52:08																
*35:02:01-35:02:05, 35:04:01-35:04:03, 35:34, 35:81, 35:83, 35:95, 35:129N, 35:154, 35:172, 35:182-35:184, 35:211, 35:220, 40:28, 51:56:01-51:56:02, 53:19, 57:05, 58:28	2					7										
*35:60	2												13		15	
*35:74, 35:186, 46:33	2		4													
*35:76, 56:09, 56:11	1	2														
*35:162	2					7										
*37:01:04													14			
*38:38																
*39:06:01															15	
*39:06:02, 39:34, 39:57, 39:62, 39:64															15	
*39:33, 51:92																16
*39:50, 40:86																
*40:10:01-40:10:02																
*40:48										11			13			
*40:73, 46:01:01-46:04, 46:06-46:10, 46:12-46:17, 46:19-46:31, 46:34-46:36, 46:38				4												
*40:149, 81:05																
*40:159																
*40:161, 51:82																
*40:166	?															
*41:01, 41:05-41:07, 41:09, 41:12, 41:14, 41:16, 41:20, 41:22, 41:25															15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*41:17, 51:08, 51:20, 51:44N, 51:141, 52:19							7									16
*41:21															15	
*42:02, 42:09					5											
*42:04												12			15	
*42:17					5							w				

*44:15, 44:18, 45:01, 45:03-45:05, 45:07, 45:11-45:14	2															16
*44:20, 44:100																16
*44:47, 52:26																16
*45:02	2															16
*45:06	2															16
*45:08	2													15		
*45:09	2															16
*45:10	2									11						
*46:11	2		4										13			16
*46:18	2		4										13		15	
*46:32			4													16
*49:01:01-49:03, 49:06, 49:08-49:10, 49:12-49:17, 49:19N-49:25, 50:01:01, 50:01:03-50:02, 50:05- 50:08, 50:10-50:11, 50:13, 50:15- 50:16, 50:18-50:19	2															16
*49:07	2									11						
*49:18, 50:14	2					7										16
*50:01:02, 50:04																16
*50:09	2															16
*51:01:15, 51:14, 51:17, 51:85																16
*51:01:18						7								14		16
*51:05, 51:29, 51:54, 52:24						7										16
*51:13:01-51:13:02, 52:14																16
*51:21, 51:101, 51:143, 78:07														15		
*51:35, 51:99, 51:131						7										16
*51:61:01-51:61:02, 52:21						7										16
*51:62			3													
*51:63																16
*51:90, 52:12						7										16
*51:97																16
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*51:106, 52:25			3													16
*51:116, 52:16, 52:27							7									16
*51:127							7									16
*51:133							7									16
*54:01:01, 54:01:03, 54:05N, 54:08N, 54:12-54:13, 54:17-54:19, 54:22-54:23, 54:25, 54:27-54:28	1	2											13	14	15	
*54:02	1	2											13	14	15	
*54:03	1	2											13	14		16

*54:04	1	2												14	15	
*54:06, 54:09	1													14		
*54:07, 54:24		2											13	14	15	
*54:10	1	2											w	14	15	
*54:11	1													14	15	
*54:14	1	2												14	15	
*54:15	1													14	15	
*54:16	1	2												14	15	
*54:20	1	2	w											14	15	
*54:21	1	2											13	14	15	
*54:26	1	2									11		13	14		
*56:01:01-56:01:03, 56:07, 56:24, 56:26, 56:28N-56:29, 56:34, 56:36, 56:38N	1	2											13			16
*56:01:04, 56:20:01-56:20:02, 56:27	1												13			16
*56:02, 56:10, 56:19N	1	2											13			
*56:04	1												13			
*56:05:01-56:06, 56:21	1						7									16
*56:08	w	2											13			16
*56:13	1	2														16
*56:15	1	2					7									16
*56:16	1	2											13			16
*56:22	1	2														16
*56:23, 59:01:01:01-59:01:01:02, 59:05		2											13		15	
*56:25, 56:37	1	2	3													16
*56:30	1	2														16
*56:35	1	2										w	13			16
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	125	150	235	235	100	180	425	215	70	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*58:01:08		2												14		
*59:02															15	
*59:03		2													15	
*59:04		2											13			16
*73:01-73:02																
*81:01	1											12				
*81:03-81:04N, 81:06	?											12				
*82:01-82:03	1	2														
*83:01	1															
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE																
HLA-B*55 SSP subtyping																
Amplification patterns of the B*55:01 to B*55:57 alleles																
Well ⁷																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
105	215	205	220	270	95	165	100	280	75	95	100	110	105	105	95	Length of spec.
	310				225	220	235	380	310	170		235	220	170		PCR product(s)
	415								400							
1070	800	1070	1070	800	800	1070	1070	1070	1070	1070	800	1070	1070	800	1070	Length of int. pos. control ¹
357	48	134	357	41	357	97	357	48	41	357	362	357	209	357	506	5'-primer(s) ²
5' -Tgg 3'	5' -gCC 3'	5' -CCA 3'	5' -Tgg 3'	5' -CTg 3'	5' -Tgg 3'	5' -TCC 3'	5' -Tgg 3'	5' -gCC 3'	5' -CTg 3'	5' -Tgg 3'	5' -gAC 3'	5' -Tgg 3'	5' -ggC 3'	5' -Tgg 3'	5' -gCT 3'	
		141				357			431				379			
		5' -ATg 3'				5' -Tgg 3'			5' -CgA 3'				5' -ACg 3'			
419	94	299	538	142	412	272	412	160	181	412	409	424	272	419	559	3'-primer(s) ³
5' -CgT 3'	5' -gAC 3'	5' -TCT 3'	5' -gTC 3'	5' -TgA 3'	5' -gTC 3'	5' -TgT 3'	5' -gTC 3'	5' -gTT 3'	5' -gTT 3'	5' -gTC 3'	5' -ATA 3'	5' -gTg 3'	5' -TgT 3'	5' -CgA 3'	5' -CgT 3'	
	187				539	479	419	259	272	487	427	549	559	487		
	5' -gTT 3'				5' -TCC 3'	5' -CCA 3'	5' -Cgg 3'	5' -CTC 3'	5' -Tgg 3'	5' -CgT 3'	5' -gTg 3'	5' -AgT 3'	5' -CgT 3'	5' -CgT 3'		
	292					538	419	259	463							
	5' -gTA 3'					5' -CCA 3'	5' -CgA 3'	5' -CTC 3'	5' -gCT 3'							
	292						550									
	5' -gTA 3'						5' -CAT 3'									
	292															
	5' -gTA 3'															
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																HLA-B allele ^{4,5}
																*55:01:01-55:01:06, 55:01:08-55:01:10, 55:53-55:54
																*55:01:07
																*55:02:01-55:02:06
																*55:03
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
105	215	205	220	270	95	165	100	280	75	95	100	110	105	105	95	Length of spec.
	310				225	220	235	380	310	170		235	220	170		PCR product(s)

	415								400								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
																*55:04	
																*55:05	
																*55:07, 54:01:02 ⁶	
																*55:08, 55:51	
					22											*55:09	
				21												*55:10	
																*55:11	
																*55:12	
							24							31		*55:13	
																*55:14	
																*55:15	
						23										*55:16	
17													30			*55:17	
	18							25								*55:18	
	18															*55:19	
17			20													*55:20	
					22	23										*55:21	
																*55:22	
					22		24									*55:23	
																*55:24	
	w															*55:25	
								25								*55:26	
17					22		24									*55:27	
17																*55:28	
						23										*55:29	
		19														*55:30	
	18															*55:31	
							24									*55:32	
							24									*55:33	
								25	26							*55:34	
													30			*55:35	
		19														*55:36	
					22											*55:37	
													30			*55:38	
												29				*55:39	
								25								*55:40	
											28					*55:41	
								26								*55:42	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
105	215	205	220	270	95	165	100	280	75	95	100	110	105	105	95	Length of spec.	
	310				225	220	235	380	310	170		235	220	170		PCR product(s)	
	415								400								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	

										27				31			*55:43
											28						*55:44
										26							*55:45
											27						*55:46
										26							*55:47
																	*55:48
																	*55:49
																32	*55:50
						22											*55:52
													29				*55:55N
			20														*55:56
																	*55:57
																	*07:02:01-07:02:18, 07:02:20-07:02:27, 07:02:29-07:02:37, 07:04-07:07, 07:09, 07:11-07:12, 07:14-07:15, 07:17-07:18:02, 07:21-07:23, 07:25-07:26, 07:28, 07:30, 07:33, 07:35-07:36, 07:39-07:42, 07:44-07:49N, 07:51-07:59, 07:61-07:64, 07:66-07:68:03, 07:73-07:77, 07:79-07:82, 07:87-07:99, 07:101-07:124, 07:126-07:130, 07:132-07:142, 07:144-07:176, 38:26, 42:13, 67:01:01-67:01:02, 67:03, 81:02
																	*07:02:19
																	*07:13, 67:02, C*07:01:22, C*07:02:31, C*08:16:02, C*15:02:06
																	*07:19, 07:31, 07:34, 07:43, 42:01:01-42:01:03, 42:05:01-42:06, 42:08, 42:10, 42:12, 42:14-42:16
																	*07:20, 07:24, 07:60, 07:100, 07:131
																	*07:65, 44:90, 56:03, 56:12, 56:18, 56:31-56:32
						22											*07:78
17					22		24										*07:84
						23											*07:143
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		Well No.
105	215	205	220	270	95	165	100	280	75	95	100	110	105	105	95		Length of spec.
	310				225	220	235	380	310	170		235	220	170			PCR product(s)
	415								400								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		Well No.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

17																*54:04
																*54:06, 54:09
																*54:07, 54:24
				22												*54:10
17																*54:11
				22	24											*54:14
17				22	24											*54:15
								27								*54:16
				22												*54:20
				21												*54:21
																*54:26
																*56:01:01-56:01:03, 56:07, 56:24, 56:26, 56:28N-56:29, 56:34, 56:36, 56:38N
																*56:01:04, 56:20:01-56:20:02, 56:27
																*56:02, 56:10, 56:19N
																*56:04
17																*56:05:01-56:06, 56:21
																*56:08
			20													*56:13
17																*56:15
				21												*56:16
						24							31			*56:22
18																*56:23, 59:01:01:01-59:01:01:02, 59:05
																*56:25, 56:37
																*56:30
						23										*56:35
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
105	215	205	220	270	95	165	100	280	75	95	100	110	105	105	95	Length of spec.
	310				225	220	235	380	310	170		235	220	170		PCR product(s)
	415								400							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
17	18															*58:01:08
	18						24							31		*59:02
	18															*59:03
	18															*59:04
							24				28			31		*73:01-73:02
				21												*81:01
				?												*81:03-81:04N, 81:06
				21												*82:01-82:03
				21												*83:01
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

[illegible]