

INTERPRETATION TABLE																	
HLA-B*55 SSP subtyping																	
Amplification patterns of the B*55:01 to B*55:48 alleles																	
	Well ⁵																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105
PCR product(s)								170	375		125						
								425			180						
Length of int. pos. control ¹	800	1070	1070	1070	800	1070	1070	800	1070	1070	1070	1070	1070	800	1070	1070	1070
5'-primer(s) ²	41	379	420	106	363	245	419	48	48	106	186	103	420	1 st	357	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'-CCA ³	5'-AgA ³	5'-CCT ³	5'-TTA ³	5'-CAG ³	5'-Tgg ³	5'-Tgg ³	5'-Tgg ³
		379						357	272		420						
		5'-ACC ³						5'-Tgg 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	419
	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	5'-CgT ³
								419	362		469						
								5'-CgA ³	5'-TCA ³		5'-CCg ³						
								487			559						
								5'-CgT ³			5'-CTC ³						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
HLA-B allele ⁴																	
*55:01:01-55:01:06	1	2	3												15		
*55:02:01-55:02:06	1	2											13		15		
*55:03	1	2	3	4											15		
*55:04	1				5												
*55:05	1	2	3			6									15		
*55:07	1	2								10			13		15		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105

PCR product(s)								170	375		125						
								425			180						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*55:08	1						7										
*55:09	1	2	w								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						8							15		
*55:14	1								9								
*55:15	1	2	3								11				15		
*55:16	1	2											13		15		
*55:17	1														15		17
*55:18		2											13		15		
*55:19	1	2											13		15		
*55:20	1														15		17
*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		17
*55:28	1	2													15		17
*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		
*55:43	1	2						8					13		15		
*55:44	1	2	3												15		
*55:45	1	2	3												15		
*55:46	1	2													15		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105
PCR product(s)								170	375		125						
								425			180						

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*55:47		2											13		15		
*55:48	1	2									11		13		15		
*07:02:01-07:02:18, 07:02:20, 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, 07:66-07:68:02, 07:73-07:77, 07:79-07:82, 07:87-07:99, 07:101-07:117, 38:26, 42:13, 67:01:01-67:01:02, 67:03, 81:02												12					
*07:02:19												12		14			
*07:19, 07:31, 07:34, 07:43, 42:01:01-42:01:02, 42:05:01-42:06, 42:08, 42:10, 42:12, 42:14					5							12					
*07:20, 07:24, 07:60, 07:100							7					12					
*07:65, 44:90, 56:12, 56:18	1																
*07:78			w								11	12					
*07:84												12					17
*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, 08:61-08:66, 14:05, 14:13, 35:87, 38:19, 39:03, 39:14, 39:24, 39:29, 39:37, 40:39, 41:02:01-41:02:03, 41:04, 41:10-41:11, 41:13, 41:15, 42:07, 42:11, C*08:08					5												
*08:09, 15:83, 41:01, 41:05-41:07, 41:09, 41:12, 41:14, 41:16, 51:36															15		17
*08:15				4	5												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105
PCR product(s)								170	375		125						
								425			180						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

*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, 35:09:01- 35:09:02, 35:12:01-35:12:02, 35:18, 35:22, 35:39, 35:44, 35:149, 40:05, 40:26, 40:63, 40:92, 44:62, 44:77, 44:82, 44:107, 51:04, 51:06, 51:46, 51:59, 51:64, 57:02:01-57:03:02, 57:07, 57:09, 57:12, 57:17, 57:28N, C*03:81							7										
*13:01:01-13:02:09, 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		2									11		13				
*13:03, 51:15, 56:14, 56:17		2											13			16	
*13:04, 15:16, 15:67, 15:95, 35:37, 49:04-49:05		2														16	
*13:06, 13:12, 15:86, 44:10		2											13				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105
PCR product(s)								170	375		125						
								425			180						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*13:13, 13:26, 15:20, 15:34, 15:62, 15:85, 15:194, 35:01:01:01-35:01:22, 35:03:01-35:03:07, 35:05:01-35:08:04, 35:10-35:11:02, 35:13-35:15, 35:19-35:21, 35:23-35:24:02, 35:26-35:30, 35:33, 35:35-35:36, 35:38, 35:40N-35:42:02, 35:45-35:50, 35:52, 35:54-35:58, 35:62-35:63, 35:65Q-35:66, 35:68:01-35:72, 35:75, 35:77-35:78, 35:80, 35:82, 35:84-35:85, 35:89-35:94, 35:96-35:98, 35:100-35:101:02, 35:103-35:112, 35:115-35:116, 35:119-35:123, 35:126-35:128, 35:130N-35:134N, 35:136-35:141, 35:144-35:148, 35:150-35:151, 44:48, 48:02:01-48:02:02, 50:12, 53:01:01-53:06, 53:08:01-53:18, 53:20-53:24, 58:01:01-58:01:02, 58:01:04-58:01:07, 58:02, 58:04-58:07, 58:09, 58:11, 58:13, 58:15-58:19, 58:21-58:26, 58:29-58:31N, C*06:20, C*07:81		2															
*13:16, 13:20		2	3								11						
*13:18		2									11		w				
*13:31		2									11						
*13:35, 40:44																	17
*15:01:04, 40:94														14			
*15:04																16	
*15:42		2	3												15		
*15:137		2						8								16	
*15:155, 51:37																16	
*18:01:01-18:03, 18:05-18:13, 18:15, 18:18-18:21, 18:23N-18:28, 18:30-18:51, 35:125, 37:01:01-37:01:03, 37:01:05-37:08, 37:10-37:21, 37:23-37:25																	
*18:14, 37:09					5												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105
PCR product(s)								170	375		125						

								425			180						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*18:22		2			w												
*18:52, 35:25, 35:124, 35:142, 58:12		2															
*27:14		2															17
*35:02:01-35:02:04, 35:04:01-35:04:03, 35:34, 35:81, 35:83, 35:95, 35:129N, 40:28, 51:56, 53:19, 57:05, 58:28		2					7										
*35:60		2											13		15		
*35:74		2		4													
*35:76, 56:09, 56:11	1	2															
*35:143		2															
*37:01:04														14			
*39:06:01-39:06:02, 39:34, 39:57, 39:62								8							15		
*39:33, 51:92								8								16	
*39:50, 40:86, 73:01-73:02								8									
*39:54, C*03:70																	
*40:06:01:01-40:06:03, 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, 51:10, 51:16, 51:31, 51:34, 51:93, 52:08																	17
*40:48											11		13				
*40:71													13				
*40:73, 46:01:01-46:04, 46:06-46:10, 46:12-46:17, 46:19-46:26				4													
*40:149, 81:05																	
*42:02, 42:09					5												
*42:04												12			15		17
*44:15, 44:18, 45:01, 45:04-45:05, 45:07, 45:11-45:13		2														16	
*44:20, 44:100																16	17
*44:47																16	17
*45:02		2						8								16	
*45:03		2														16	
*45:06		2														16	
*45:08		2													15		
*45:09		2														16	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105
PCR product(s)								170	375		125						
								425			180						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

[illegible]

*54:01, 54:08N, 54:12-54:13, 54:17-54:19, 54:22-54:23	1	2							10				13	14	15		
*54:02	1	2											13	14	15		
*54:03	1	2							10				13	14		16	
*54:04	1	2							10					14	15		17
*54:05N	1	2											13	14	15		
*54:06, 54:09	1								10					14			
*54:07		2							10				13	14	15		
*54:10	1	2							10				w	14	15		
*54:11	1								10					14	15		17
*54:14	1	2							10					14	15		
*54:15	1								10					14	15		17
*54:16	1	2							10					14	15		
*54:20	1	2	w						10					14	15		
*54:21	1	2							10				13	14	15		
*56:01:01-56:01:03, 56:07, 56:24, 56:26, 56:28N-56:29	1	2											13			16	
*56:01:04, 56:20	1												13			16	
*56:02, 56:10, 56:19N	1	2											13				
*56:03	1																
*56:04	1												13				
*56:05:01-56:05:02, 56:21	1						7									16	17
*56:06	1						7									16	17
*56:08	w	2											13			16	
*56:13	1	2														16	
*56:15	1	2					7									16	17
*56:16	1	2											13			16	
*56:22	1	2						8								16	
*56:23, 59:01, 59:05		2											13		15		
*56:25	1	2	3													16	
*56:27	1												13			16	
*56:30	1	2														16	
*58:01:08		2												14			
*59:02															15		17
*59:03		2						8							15		
*59:04		2											13			16	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	400	125	150	235	235	100	180	105	215	140	90	210	150	215	245	245	105
PCR product(s)								170	375		125						
								425			180						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*81:01	1											12					
*81:03-81:04N	?											12					
*82:01-82:03	1	2															
*83:01	1																
C*05:30									10								

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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INTERPRETATION TABLE

HLA-B*55 SSP subtyping

Amplification patterns of the B*55:01 to B*55:48 alleles

Well ⁵															
18	19	20	21	22	23	24	25	26	27	28	29	30			
215	205	95	270	95	165	100	285	75	95	95	110	80	Length of spec.		
310		220		225	220	235	380	310	170	110			PCR product(s)		
415								400							
800	1070	1070	800	800	1070	1070	1070	1070	1070	800	1070	1070	Length of int. pos. control ¹		
48	134	106	41	357	97	357	48	41	357	357	357	379	5'-primer(s) ²		
5'-gCC ³	5'-CCA ³	5'-CCA ³	5'-CTg ³	5'-Tgg ³	5'-TCC ³	5'-Tgg ³	5'-gCC ³	5'-CTg ³	5'-Tgg ³	5'-Tgg ³	5'-Tgg ³	5'-ACg ³			
	141	357			357			431							
	5'-ATg ³	5'-Tgg ³			5'-Tgg ³			5'-CgA ³							
94	299	160	142	412	272	412	165	181	412	409	424	420	3'-primer(s) ³		
5'-gAC ³	5'-TCT ³	5'-gTT ³	5'-TgA ³	5'-gTC ³	5'-TgT ³	5'-gTC ³	5'-Tgg ³	5'-gTT ³	5'-gTC ³	5'-ATA ³	5'-gTg ³	5'-gCT ³			
187		538		539	479	419	259	272	487	427					
5'-gTT ³		5'-gTC ³		5'-TCC ³	5'-CCA ³	5'-Cgg ³	5'-CTC ³	5'-Tgg ³	5'-CgT ³	5'-gTg 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															
18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.		
													HLA-B allele ⁴		
													*55:01:01-55:01:06		
													*55:02:01-55:02:06		
													*55:03		
													*55:04		
													*55:05		
													*55:07		
18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.		
215	205	95	270	95	165	100	285	75	95	95	110	80	Length of spec.		

310		220		225	220	235	380	310	170	110			PCR product(s)	
415								400						
18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.	
				22									*55:08	
													*55:09	
			21										*55:10	
													*55:11	
						24							*55:12	
													*55:13	
													*55:14	
													*55:15	
				23									*55:16	
													*55:17	
18							25						*55:18	
18													*55:19	
		20											*55:20	
				22	23								*55:21	
													*55:22	
				22		24							*55:23	
													*55:24	
w													*55:25	
		20											*55:26	
				22		24							*55:27	
													*55:28	
					23								*55:29	
	19												*55:30	
18													*55:31	
						24							*55:32	
						24							*55:33	
							25	26					*55:34	
							25						*55:35	
	19												*55:36	
				22									*55:37	
												30	*55:38	
											29		*55:39	
							25						*55:40	
										28			*55:41	
								26					*55:42	
									27				*55:43	
										28			*55:44	
								26					*55:45	
									27				*55:46	
18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.	
215	205	95	270	95	165	100	285	75	95	95	110	80	Length of spec.	
310		220		225	220	235	380	310	170	110			PCR product(s)	
415								400						

18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.
							26						*55:47
													*55:48
													*07:02:01-07:02:18, 07:02:20, 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, 07:66-07:68:02, 07:73-07:77, 07:79-07:82, 07:87-07:99, 07:101-07:117, 38:26, 42:13, 67:01:01-67:01:02, 67:03, 81:02
													*07:02:19
													*07:19, 07:31, 07:34, 07:43, 42:01:01-42:01:02, 42:05:01-42:06, 42:08, 42:10, 42:12, 42:14
													*07:20, 07:24, 07:60, 07:100
													*07:65, 44:90, 56:12, 56:18
			22										*07:78
			22		24								*07:84
													*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, 08:61-08:66, 14:05, 14:13, 35:87, 38:19, 39:03, 39:14, 39:24, 39:29, 39:37, 40:39, 41:02:01-41:02:03, 41:04, 41:10-41:11, 41:13, 41:15, 42:07, 42:11, C*08:08
	20												*08:09, 15:83, 41:01, 41:05-41:07, 41:09, 41:12, 41:14, 41:16, 51:36
													*08:15
18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.
215	205	95	270	95	165	100	285	75	95	95	110	80	Length of spec.
310		220		225	220	235	380	310	170	110			PCR product(s)
415								400					
18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.

														*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, 35:09:01- 35:09:02, 35:12:01-35:12:02, 35:18, 35:22, 35:39, 35:44, 35:149, 40:05, 40:26, 40:63, 40:92, 44:62, 44:77, 44:82, 44:107, 51:04, 51:06, 51:46, 51:59, 51:64, 57:02:01-57:03:02, 57:07, 57:09, 57:12, 57:17, 57:28N, C*03:81
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18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.	

215	205	95	270	95	165	100	285	75	95	95	110	80	Length of spec.
310		220		225	220	235	380	310	170	110			PCR product(s)
415								400					
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215	205	95	270	95	165	100	285	75	95	95	110	80	Length of spec.
310		220		225	220	235	380	310	170	110			PCR product(s)

415								400						
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18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.	
215	205	95	270	95	165	100	285	75	95	95	110	80	Length of spec.	
310		220		225	220	235	380	310	170	110			PCR product(s)	
415								400						
18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.	

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18	19	20	21	22	23	24	25	26	27	28	29	30		Well No.
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[illegible]