

INTERPRETATION TABLE																														
HLA-B*44 SSP subtyping																														
Amplification patterns of the B*44:02 to B*44:165 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	25	26	27	28		
Length of spec.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	180	100	290	145	225	145	100	160	130	
PCR product(s)					255	195		300	115	150								260	155	115	190	150				225	135	100	255	160
Length of int. pos control ¹	800	800	800	1070	1070	1070	1070	1070	1070	800	800	1070	1070	800	1070	800	1070	1070	1070	1070	800	800	800	1070	1070	1070	800	800	800	1070
5'-primer(s) ²	5'-TCA ^{3'} 355	5'-TCA ^{3'} 142	5'-TCA ^{3'} 355	5'-Agg ^{3'} 418	5'-CCg ^{3'} 359	5'-TCC ^{3'} 142	5'-gAC ^{3'} 206	5'-TCA ^{3'} 142	5'-TTA ^{3'} 420	5'-TCA ^{3'} 142	5'-gAA ^{3'} 206	5'-gAA ^{3'} 206	5'-gAA ^{3'} 206	5'-gAA ^{3'} 206	5'-ggC ^{3'} 409	5'-gAA ^{3'} 206	5'-Agg ^{3'} 418	5'-C.g ^{3'} 6	5'-gAA ^{3'} 206	5'-gAA ^{3'} 206	5'-CCg ^{3'} 106	5'-CCC ^{3'} 257	5'-CAG ^{3'} 49	5'-ggT ^{3'} 668	5'-CCg ^{3'} 4 th I	5'-ggC ^{3'} 668	5'-CCA ^{3'} 134	5'-ATT ^{3'} 141	5'-Agg ^{3'} 418	
					5'-gCg ^{3'} 539	5'-AgT ^{3'} 418	5'-Agg ^{3'} 418	5'-TCA ^{3'} 355	5'-CTT ^{3'} 493	5'-Agg ^{3'} 418	5'-gAA ^{3'} 206							5'-CCA ^{3'} 355	5'-Agg ^{3'} 418	5'-Agg ^{3'} 418	5'-Agg ^{3'} 418				5'-ACT ^{3'} 256	5'-TCA ^{3'} 445	5'-Tgg ^{3'} 357			
						5'-AgT ^{3'} 418												5'-Agg ^{3'} 361	5'-Agg ^{3'} 460	5'-ACg ^{3'} 499	5'-TCT ^{3'} 499						5'-TCA ^{3'} 445			
3'-primer(s) ³	572	193	538	539	572	272	309	193	572	226	317	311	255	259	538	309	572	106	313	193	317	171	774	896	774	317	259	506		
	5'-gCg ^{3'} 572	5'-CgT ^{3'} 193	5'-gTC ^{3'} 538	5'-TCA ^{3'} 539	5'-gCg ^{3'} 572	5'-Tgg ^{3'} 272	5'-ATC ^{3'} 309	5'-CgC ^{3'} 193	5'-gCg ^{3'} 572	5'-CAC ^{3'} 226	5'-gga ^{3'} 317	5'-ggT ^{3'} 311	5'-CgC ^{3'} 255	5'-gTT ^{3'} 259	5'-gTC ^{3'} 538	5'-ATC ^{3'} 309	5'-gCg ^{3'} 572	5'-CAT ^{3'} 106	5'-Cgg ^{3'} 313	5'-CgT ^{3'} 193	5'-gga ^{3'} 317	5'-ACC ^{3'} 171	5'-ggT ^{3'} 774	5'-TCA ^{3'} 896	5'-ggT ^{3'} 774	5'-gga ^{3'} 317	5'-CTC ^{3'} 259	5'-Tgg ^{3'} 506		
	5'-gTg ^{3'} 572	5'-TgT ^{3'} 193				5'-gCg ^{3'} 572	5'-ggT ^{3'} 544	5'-CgC ^{3'} 193	5'-gCT ^{3'} 430	5'-CAT ^{3'} 526							5'-gTg ^{3'} 572	5'-gCg ^{3'} 572	5'-CCg ^{3'} 566		5'-CTC ^{3'} 559				5'-gTC ^{3'} 538	5'-gCg ^{3'} 572	5'-CTT ^{3'} 540			
									5'-gCA ^{3'} 613																					
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	25	26	27	28		
Length of spec.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	180	100	290	145	225	145	100	160	130	
PCR product(s)					255	195		115	195	150								155	190							135	255	160	165	

								300									260								225			
HLA-B allele ^{4,5}																												
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	25	26	27	28
*44:02:01:01, 44:02:01:03-44:02:09, 44:02:11-44:02:26, 44:59:02, 44:113, 44:151-44:152	1	2	3								11						17					23						
*44:02:01:02S	1	2	3								11						17					23	24					
*44:02:10	1		3								11						17					23				27		
*44:03:01-44:03:19, 44:109	1	2		4							11						17					23						
*44:04	1	2			5						11						17					23						
*44:05:01-44:05:04	1	2	3			6					11											23						
*44:06	1		3				7										17					?		?				
*44:07	1	2		4				8			11						17					23						
*44:08	1		3					8									17					23						
*44:09	1	2	3									12					17					23						
*44:10	1	2				6			9		11											?		?				
*44:11	1	2	3								11						17		19			?		?				
*44:12	1	2	3								11			14			17					?		?				
*44:13	1	2		4							11		13				17					23						
*44:14	1	2	3								11				15							?		?				
*44:15		2				6			9		11														25		27	
*44:16		2	3								11									21		23						
*44:17	1	2	3			6					11				15							?		?				
*44:18		2				6			9		11					16						?		?		27		
*44:19N	1	2	3								11						17	18				23						
*44:20, 44:100		2									11						17					?		?		27		
*44:21	1	2	3								11						17			21		23						
*44:22	1	2	3								11						17			20		?		?				
*44:23N	1	2	3						9		11						17					23						
*44:24	1	2	3							10	11						17											

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	25	26	27	28		
*44:37:02		2		4							11												23	?						
*44:38	1	2		4				8			11						17						?	?						
*44:39	1			4		6					11						17						23							
*44:40	1			4													17						?	?						
*44:41:01-44:41:02		2									11						17						?	?						
*44:42		2	3								11												?	?						
*44:43:01-44:43:02	1	2				6					11												?	?						
*44:44	1		3														17						?	?						
*44:45	1	2									11												?	?						
*44:46, 44:129	1	2		4								12					17						23							
*44:47		2		4							11						17						?	?		27				
*44:48	1	2	3								11						17						?	?						
*44:49	1	2	3								11						17						23							
*44:50	1	2		4							11					16	17						?	?						
*44:51	1	2	3								11				15								23							
*44:52N	1	2	3								11						17						23							
*44:53	1	2	3								11						17						23							
*44:54		2		4							11						17						?	?						
*44:55	1	2	3								11						17						?	?						
*44:56N	1	2			5						11						17						23							
*44:57	1			4				8									17						23							
*44:58N, 44:139 ⁷	1	2	3			6					11												?	?						
*44:59:01	1	2	3								11						17						23							
*44:60	1			4													17						?	?						
*44:61N	1	2		4							11						17						23							
*44:62	1	2	3			6					11				15								?	?						
*44:63	1	2	3								11						17						?	?						
*44:64:01		2		4							11									21			23	?						
*44:64:02		2		4							11									21			23							
*44:65		2		4							11						17						23							
*44:66	1	2	3								11						17						23							
*44:67	1	2	3								11		13				17						?	?						
*44:68	1	2	3								11						17						?	?			28			
*44:69, 44:85 ⁸	1	2		4							11						17						?	?		26				
*44:70	1	2	3		5	6					11												?	?						
*44:71	1	2	3					8			11						17						?	?						
*44:72, 44:93 ⁹	1	2	3								11						17						?	?						
*44:73	1	2	3								11						17						?	?						
*44:74	1	2	3								11						17	18					?	?						
*44:75	1	2	3			6						12											?	?						
*44:76	1	2			5						11						17						?	?						
*44:77	1	2				6					11												23							
*44:78	1	2	3			6					11												?	?						
*44:79	1	2		4							11						17						?	?						
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	25	26	27	28		
Length of spec.	260	90	225	160	75	170	155	90	195	120	125	150	145	90	95	170	145	195	115	150	130	180	100	290	145	225	145	100	160	130
PCR product(s)					255	195		115	195		150								155	190						135	255	165		
								300											260							225				
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	25	26	27	28		
*44:80	1	2	3								11						17						?	?						
*44:81	1			4							11						17						23							
*44:82	1	2				6					11							18					?	?						

*44:83	1	3														17					23							
*44:84	1	2	3							11						17					?	?						
*44:86	1	2	3							11						17					?	?						
*44:87	1	2	3							11						17					?	?						
*44:88	1	2	3							11											?	?						
*44:89	1	2	3			7				11						17					?	?						
*44:90	1	2	3								12					17					?	?						
*44:91		2	3							11											?	?						
*44:92	1	2		4					10	11						17					?	?						
*44:94, 44:98 ¹⁰	1	2		4						11						17					?	?						
*44:95	1	2	3							11					16	17					?	?						
*44:96, 44:153	1	2		4						11						17	18				?	?						
*44:97	1	2	3							11						17					?	?						
*44:99		2								11						17					?	?						
*44:101		2	3							11											23							
*44:102, 44:112, 44:116, 44:119, 44:121, 44:137, 44:149N, 44:162	1	2	3							11						17					?	?						
*44:103	1	2		4						11						17					?	?						
*44:104	1	2	3							11						17					?	?						
*44:105	1	2		4						11						17		20			?	?						
*44:106		2								11						17					?	?						
*44:107	1	2				6				11											?	?						
*44:108N	1	2		4						11						17					?	?						
*44:110	1	2		4						11						17					23							
*44:111	1			4						11						17					?	?						
*44:114, 44:125, 44:128, 44:141, 44:154-44:155, 44:157, 44:160-44:161, 44:164-44:165	1	2		4						11						17					?	?						
*44:115	1	2		4						11						17					23							
*44:117	1	2	3			6				11											23							
*44:118	1	2	3							11						17					23							
*44:120	1	2		4						11						17					?	?						
*44:122	1	2		4						11						17					?	?						
*44:123	1	2	3			6				11					15						?	?						
*44:126:01	1	2	3							11						17					?	?						
*44:126:02	1	2	3							11						17					23							
*44:127	1	2	3													17					?	?						
*44:130	1			4												17					23							
*44:131	1	2	3								12					17					?	?						
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	25	26	27	28
Length of spec.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	100	290	145	225	145	100	160	130
PCR product(s)					255	195		115	195	150								155	190		180					135	255	165
								300										260								225		
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	25	26	27	28
*44:132		2	3								11												?	?				
*44:133	1	2	3								11												?	?				
*44:134	1		3			6																	?	?				
*44:135		2									11												?	?				
*44:136	1	2	3			6					11												?	?				
*44:138Q		2									11						17								25			
*44:140	1	2	3			6			9		11												?	?				

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*40:110, 40:188, 47:01:01:01-47:01:02, 47:04-47:06, 47:08	2										11																			25			
*40:132, 40:178	2					6					12						18													25			
*40:136, 41:02:01-41:03:02, 41:08, 41:11, 41:13, 41:15, 41:19, 41:23-41:24	2										12				15															25			
*40:166	2										12		w																	25			
*41:01, 41:06-41:07, 41:09, 41:14, 41:16-41:17, 41:20, 41:25	2										12				15															25			
*41:04, 41:18	2										12				15															25			
*41:05	2														15															25			
*41:10	2										12																			25			
*41:12, 41:22											12				15															25			
*41:21	2										12				15															25			
*45:01, 45:05, 45:11-45:13	2					6			9		12																			25		27	
*45:02	2					6					12																			25		27	
*45:03	2										12																			25		27	
*45:04, 45:08, 45:10	2										12																			25			
*45:06	2					6			9		12																			25		27	
*45:07	2					6			9		12																			w		27	
*45:09	2					6					12				15															25		27	
*45:14	2					6			9		12				15															25		27	
*47:03	2										11	w																		25			
*47:07	2										11											22								25			
*49:03							7																							25		27	
*49:20	2					6			9	11					16															25		27	
*49:21	2														16															25			
*49:24	2										11				16				20											25			
*49:25, 57:45											11				16															25			
*50:02	2					6			9		12																			25		27	
*51:08, 51:20, 51:36, 51:44N, 51:97, 51:141, 52:19							7								15															w			
*51:23, 51:108, 52:15						6	7																							w		27	
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	25	26	27	28					
Length of spec.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	100	290	145	225	145	100	160	130					
PCR product(s)					255	195		300	115	195	150							155	190		180					135	255	165					
																		260								225							
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	25	26	27	28					
*51:42	1			4			7										17						23										
*51:51, 52:31, 58:38-58:39N							7																										
*51:54, 51:78:01-51:78:02, 52:20, 53:09, 53:11-53:13																													w				
*51:103, 51:119							7	8																				w					
*51:112											11			14	16													w					
*52:01:02, 52:01:04, 52:01:09, 52:03, 52:06:01-52:06:02, 52:09, 52:21							7																					w		27			
*52:02																												w		27			
*52:26				4			7																					w					
*53:22	1		3			6	7								15													w					

*53:27							7																		w			
*55:56, 56:13																15									25			
*57:04																									25			
*57:07	1						6											18							25			
*58:07							6	7																	w			
*82:01-82:02							6			9						15									25			
*82:03							6			9						15									?			
*83:01	1		3															17							25			
A*23:31				4																								
A*24:106																												
A*24:137																										26		
A*30:29, A*31:61																												
C*03:96, C*15:52																												
C*03:147																												
C*05:10, C*08:44, C*08:61																												
C*05:62, C*07:68, C*07:140, C*07:151, C*07:199:01- 07:199:02																												
C*07:04:01-07:04:08, C*07:11- 07:12, C*07:45, C*07:63, C*07:101, C*07:139, C*07:142,C* 07:181, C*07:272																												
C*07:69, C*08:68																												
C*07:231				4																								
C*15:25	1		3				6																					
C*16:10																												
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	25	26	27	28

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			32				36																												*44:142Q
																																			*44:143
			31																																*44:144
																																			*44:145
																																			*44:146
																																			*44:147
																																			*44:148
																																			*44:150
																																			*44:156
																																			*44:158
																																			*44:159
																																			*44:163
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56					Well No.			
90	195	110	155	150	170	85	145	210	225	75	235	255	130	110	85	220	165	65	105	85	95	110	130	210	280	260	280					Length of spec.			
255		195		185		180	235				260		165	165	160	250	450	115	140	105		285		405								PCR product(s)			
			230															195	265																
			260																																
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56					Well No.			
																																			*07:02:01-07:03, 07:05:01-07:18:02, 07:21-07:24, 07:26-07:27, 07:29-07:57, 07:59-07:132, 07:134-07:139, 07:141-07:145, 07:147-07:148, 07:150-07:152, 07:154-07:176, 08:13, 08:20, 08:25, 08:40, 08:55, 08:70, 08:79, 13:09, 13:30, 13:39, 14:33, 15:01:01-01:15:01:04, 15:01:06-15:13:02, 15:15-15:19, 15:21, 15:23-15:35, 15:37-15:40, 15:42-15:45, 15:47:01-15:50, 15:52, 15:54-15:58, 15:60-15:76, 15:78:01-15:82, 15:84-15:88, 15:90, 15:92-15:99, 15:101, 15:103-15:105, 15:107-15:114, 15:116-15:129, 15:132-15:142, 15:144-15:160, 15:162-15:178, 15:180-15:182N, 15:184-15:198, 15:200, 15:202-15:211, 15:213-15:217, 15:219-15:227, 15:229-15:232, 15:234-15:246N. 15:248-15:255.

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																							*14:01:01-14:09, 14:11-14:32, 15:20, 35:01:01:01-35:03:11, 35:04:01-35:18, 35:20:01- 35:30, 35:32:01-35:37, 35:39- 35:42:02, 35:44, 35:48-35:56, 35:58, 35:61:01-35:62, 35:64:01-35:70, 35:72, 35:74- 35:78, 35:80-35:83, 35:85- 35:86, 35:88-35:89, 35:91- 35:114, 35:116-35:137, 35:139-35:149, 35:151- 35:153, 35:155-35:167, 35:170-35:183, 35:186- 35:200, 35:202-35:203, 35:205-35:216N, 35:218- 35:220, 38:01:01-38:01:07, 38:05, 38:09-38:14, 38:16- 38:17, 38:19, 38:21-38:22, 38:24-38:28, 38:31-38:34N, 38:36-38:42, 39:01:01:01- 39:01:01:03, 39:01:03-39:20, 39:22-39:41, 39:43-39:45, 39:47-39:68, 39:70-39:75, 48:02:01-48:02:02, 51:104, 51:147, 52:16, 53:03, 56:05:01 56:05:02, 56:21, 58:17N, 58:36, 67:01:01-67:02, 78:01:01-78:07, 81:03					
29																							*	14:10, 35:59, 38:20, 39:42				
		31						37		40													*	15:14, 15:91, 15:131, 15:161, 46:17				
																							*	15:46, 15:106, 40:10:01- 40:10:02, 40:149, 40:177, 40:215				
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Well No.
90	195	110	155	150	170	85	145	210	225	75	235	255	130	110	85	220	165	65	105	85	95	110	130	210	280	260	280	Length of spec.
255		195		185		180	235				260		165	165	160	250	450	115	140		285		405					PCR product(s)
		230																195	265									
		260																										
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Well No.

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																																					*53:27
			32		34					39			42			45																				*	55:56, 56:13
				33																																	*57:04
									37																												*57:07
			31						37		40																										*58:07
30		32		34				37	38	40		42																									*82:01-82:02
30		32		34				37	38	40		42																									*82:03
		32																																			*83:01
			33																																		A*23:31
			33																																		A*24:106
																																					A*24:137
		31																																			A*30:29, A*31:61
																												54									C*03:96, C*15:52
																48																					C*03:147
																				50									56							C*05:10, C*08:44, C*08:61	
																																					C*05:62, C*07:68, C*07:140, C*07:151, C*07:199:01- 07:199:02
									38	39																										C*07:04:01-07:04:08, C*07:11- 07:12, C*07:45, C*07:63, C*07:101, C*07:139, C*07:142,C* 07:181,	
									39																												C*07:272
												42																									C*07:69, C*08:68
				33		35							44																								C*07:231
									40																												C*15:25
				33		35							44																								C*16:10
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	5													