

INTERPRETATION TABLE																								
HLA-B*44 SSP subtyping																								
Amplification patterns of the B*44:02 to B*44:99 alleles																								
	Well ⁸																							
	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.	##	90	##	##	75	##	##	90	##	##	##	##	90	95	##	##	##	##	##	##	##	##	##	##
PCR product(s)					##	##		##	##	##								##	##		##			
								##										##						
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
5'-primer(s) ²	355	142	355	418	359	142	206	142	420	142	206	206	206	206	409	206	418	6	206	106	257	49	668	4 th I
	5' -TCA 3'	5' -TCA 3'	5' -TCA 3'	5' -Agg 3'	5' -CCg 3'	5' -TCC 3'	5' -gAC 3'	5' -TCA 3'	5' -TTA 3'	5' -TCA 3'	5' -gAA 3'	5' -gAA 3'	5' -gAA 3'	5' -gAA 3'	5' -ggC 3'	5' -gAA 3'	5' -Agg 3'	5' -C-g 3'	5' -gAA 3'	5' -CCg 3'	5' -CCC 3'	5' -CAG 3'	5' -ggT 3'	5' -CCg 3'
					539	418	418	355	493	418								355	418		418			
					5' -gCg 3'	5' -AgT 3'	5' -Agg 3'	5' -TCA 3'	5' -CTT 3'	5' -Agg 3'								5' -CCA 3'	5' -Agg 3'		5' -Agg 3'			
						418												361						
						5' -AgT 3'												5' -Agg 3'						
																		460						
																		5' -ACg 3'						
																		499						
																		5' -TCT 3'						
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	5 th E
	5' -gCg 3'	5' -CgT 3'	5' -gTC 3'	5' -TCA 3'	5' -gCg 3'	5' -Tgg 3'	5' -ATC 3'	5' -CgC 3'	5' -gCg 3'	5' -CAC 3'	5' -ggA 3'	5' -ggT 3'	5' -CgC 3'	5' -gTT 3'	5' -gTC 3'	5' -ATC 3'	5' -gCg 3'	5' -CAT 3'	5' -Cgg 3'	5' -CgT 3'	5' -ggA 3'	5' -ACC 3'	5' -ggT 3'	5' -TCA 3'
	572					572	544	193		526							572	572	566		559			
	5' -gTg 3'					5' -gCg 3'	5' -ggT 3'	5' -CgC 3'		5' -CAT 3'							5' -gTg 3'	5' -gCg 3'	5' -CCg 3'		5' -CTC 3'			
								430																
								5' -gCT 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

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	135
PCR product(s)					255	195		115	195	150								155	190		180			
								300										260						
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-B allele ⁴																								
*44:02:01:01, 44:02:02-44:02:09, 44:02:11-44:02:12	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	
*44:02:13	1	2	3														17						23	
*44:03:01-44:03:11	1	2		4							11						17						23	
*44:04	1	2			5						11						17						23	
*44:05:01-44:05:02	1	2	3			6					11												23	
*44:06	1		3				7										17						?	
*44:07	1			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													
*44:16		2	3								11										21		23	
*44:17	1	2	3			6					11				15								?	
*44:18		2				6			9		11					16							?	
*44:19N	1	2	3								11						17	18					23	
*44:20		2									11						17						?	
*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						?	
*44:25	1	2	3			6					11					16							?	
*44:26	1	2		4							11						17					22	?	
*44:27:01	1	2	3								11						17							
*44:28:01-44:28:02	1	2			5						11						17						?	
*44:29	1	2					7				11						17						?	
*44:30	1	2		4							11						17		19				?	
*44:31		2				6					11							18						
*44:32	1	2		4							11						17				21		?	
*44:33	1	2	3								11						17						?	
*44:34	1		3								11						17						?	
*44:35	1	2									11						17						?	
*44:36	1	2		4							11						17						?	
*44:37		2		4							11												?	
*44:38	1	2		4				8			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
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	135
PCR product(s)					255	195		115	195	150								155	190		180			
								300										260						

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	
*44:39	1			4		6					11						17						23		
*44:40	1			4													17						?		
*44:41		2									11						17						?		
*44:42		2	3								11												?		
*44:43	1	2				6					11												?		
*44:44	1		3														17						?		
*44:45	1	2									11												?		
*44:46	1	2		4								12					17						23		
*44:47		2		4							11						17						?		
*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	1	2	3			6					11												?		
*44:59	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						?		
*44:69, 44:85 ⁵	1	2		4							11						17						?		
*44:70	1	2	3		5	6					11												?		
*44:71	1	2	3					8			11						17						?		
*44:72, 44:93 ⁶	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						?		
*44:80	1	2	3								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	
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	135	
PCR product(s)					255	195		115	195	150								155	190		180				
								300										260							
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	

*44:81	1			4							11					17							23	
*44:82	1	2				6					11					17	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 ⁷	1	2		4							11					17							?	
*44:95	1	2	3								11				16	17							?	
*44:96	1	2		4							11					17	18						?	
*44:97	1	2	3								11					17							?	
*44:99		2									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

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	135
PCR product(s)					255	195		115	195	150								155	190		180			
								300										260						
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
*07:02:01-07:03, 07:05:01-07:18:02, 07:21-07:24, 07:26-07:27, 07:29-07:57, 07:59-07:99, 08:06, 08:13, 08:20, 08:25, 08:40, 08:55, 13:09, 13:30, 15:01:01-01-15:01:04, 15:01:06-15:13, 15:15-15:19, 15:21, 15:23-15:35, 15:37-15:40, 15:42-15:45, 15:47-15:50, 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, 15:184-15:191, 18:01:01-18:08, 18:10-18:15, 18:17N-18:47, 18:49, 27:02-27:21, 27:23-27:46, 27:48-27:49, 27:51, 27:53-27:65N, 35:31, 35:43:01, 35:46, 35:57, 35:60, 35:79, 37:02, 37:07, 40:12, 40:21, 40:46, 40:93, 46:01:01-46:09, 46:11-46:16, 46:18-46:22, 48:01:01-48:01:02, 48:03:01-48:22, 54:01:01-54:22, 55:01:01-55:01:02, 55:01:04-55:05, 55:07-55:19, 55:21-55:40, 56:01:01-56:04, 56:06, 56:08-56:12, 56:14-56:20, 56:22-56:29, 57:01:01-57:03:02, 57:05-57:06, 57:08, 57:10-57:23, 57:25-57:31, 59:01:01-01-59:05, 81:01-81:02, 81:04N																								
*07:04, 07:19, 07:25, 08:07, 08:37, 15:51, 15:179, 37:09, 42:09															15									
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.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	100	290	145	135
PCR product(s)					255	195		115	195	150								155	190		180			
								300										260						

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
*07:20					5	6																		
*07:28																					21			
*08:01:01-08:01:10, 08:03-08:05, 08:08N, 08:10-08:12:03, 08:15-08:19N, 08:21-08:24, 08:26, 08:29-08:36, 08:38-08:39, 08:41-08:42, 08:44-08:48, 08:50-08:54, 08:56-08:59, 08:61, 35:87, 42:01:01-42:02, 42:05:01-42:08, 42:10-42:12															15									
*08:02															15									
*08:09, 08:27, 15:83, 42:04, 55:20															15									
*08:14, 08:28																								
*08:43															15									
*08:49, 37:01:01-37:01:07, 37:03N-37:05, 37:08, 37:11, 37:13-37:22			3																					
*08:60, 37:12, 42:13, 57:09			3												15									
*13:01:01-13:04, 13:06-13:08Q, 13:10-13:22:02, 13:25-13:29, 13:31-13:37, 15:36, 15:89																								
*13:23																								
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.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	100	290	145	135
PCR product(s)					255	195		115	195	150								155	190		180			
								300										260						
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
*14:01:01-14:18, 15:20, 35:01:01:01-35:18, 35:20:01- 35:30, 35:32-35:37, 35:39- 35:42:02, 35:44, 35:48- 35:56, 35:58-35:59, 35:61- 35:62, 35:64-35:70, 35:72, 35:74-35:78, 35:80-35:83, 35:85-35:86, 35:88-35:89, 35:91-35:99, 38:01:01- 38:01:04, 38:05, 38:09- 38:14, 38:16-38:17, 38:19- 38:22, 39:01:01:01- 39:01:01:02L, 39:01:03- 39:20, 39:22-39:57, 48:02:01-48:02:02, 52:16, 53:03, 56:05:01-56:05:02, 56:21, 58:17N, 67:01:01- 67:02, 78:01-78:06, 81:03																								
*15:14, 15:91, 15:131, 15:161, 46:17						6																		
*15:46, 15:106, 40:02:05, 40:10:01												12												
*15:53, 40:01:01-40:02:04, 40:02:06-40:07, 40:09, 40:11:01, 40:14:01-40:16, 40:18, 40:20, 40:22N-40:24, 40:26-40:40, 40:42-40:45, 40:48-40:57, 40:59-40:67, 40:69-40:75, 40:77-40:82, 40:84-40:92, 40:94-40:95, 40:97-40:99, 47:02, 50:01:01-50:01:02, 50:04- 50:05, 50:08-50:09		2										12												
*15:77																								
*15:115, 56:07																								
*15:143, 18:48												12		14										
*15:183, 27:52, 46:10								8																
*18:09																								
*27:01																								
*27:47																							23	
*27:50																								
*35:19, 35:47												12		14										
*35:38			3												15									
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.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	100	290	145	135
PCR product(s)					255	195		115	195	150								155	190		180			

								300									260							
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
*35:45	1				5	6																		
*35:63		2										12												
*35:71	1					6																		
*35:84, 35:90								8																
*37:06			3								11													
*37:10			3																					
*38:02:01-38:04, 38:08, 38:15																								
*38:06-38:07, 51:01:01-51:07:02, 51:09:01-51:19, 51:21-51:22, 51:24:01-51:24:03, 51:26-51:35, 51:37-51:41N, 51:43, 51:45-51:46, 51:48-51:50, 51:52-51:53, 51:55-51:77, 51:79-51:95, 52:01:01:01, 52:01:03, 52:01:05, 52:04-52:05, 52:08, 52:10-52:14, 52:17-52:18, 53:01:01-53:02, 53:04-53:08:02, 53:10, 53:14-53:21, 53:23, 58:01:01-58:02, 58:04-58:06, 58:08-58:10N, 58:12-58:16, 58:18-58:19, 58:21-58:28								7																
*38:18																								
*40:08, 40:25, 40:68		2										12		14										
*40:13, 40:19, 49:01:01-49:01:02, 49:04-49:10		2									11				16									
*40:47, 40:96, 49:02		2									11													
*40:58												12												
*40:76, 50:06		2																						
*40:83, 50:07								8				12												
*41:01, 41:06-41:07, 41:09		2										12			15									
*41:02:01-41:03:02, 41:08, 41:11		2										12			15									
*41:04		2										12			15									
*41:05		2													15									
*41:10		2										12												
*41:12												12			15									
*45:01, 45:05, 45:11		2				6			9			12												
*45:02		2				6						12												
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.	260	90	225	160	75	170	155	90	120	125	150	145	90	95	170	145	195	115	150	130	100	290	145	135
PCR product(s)					255	195		115	195	150								155	190		180			
								300										260						
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

*45:03	2											12														
*45:04, 45:08, 45:10	2											12														
*45:06	2					6				9		12														
*45:07	2					6				9		12														
*45:09	2					6						12			15											
*47:01:01:01-47:01:01:02, 47:04-47:06	2										11															
*47:03	2										11	w														
*47:07	2										11													22		
*49:03							7																			
*50:02	2					6				9		12														
*51:08, 51:20, 51:36, 51:44N, 52:19							7								15											
*51:23, 52:15						6	7																			
*51:42	1			4			7									17								23		
*51:51							7																			
*51:54, 51:78, 52:20, 53:09, 53:11-53:13																										
*52:01:02, 52:01:04, 52:03, 52:06:01-52:06:02, 52:09							7																			
*52:02																										
*52:07, 58:11, 58:20							7																			
*53:22	1		3			6	7								15											
*56:13															15											
*57:04																										
*57:07	1					6										18										
*57:24			3												15											
*58:07						6	7																			
*82:01-82:02						6				9					15											
*82:03						6				9					15											
*83:01	1		3													17										
A*30:29																										
C*07:04:01-07:04:03, C*07:11-07:12, C*07:45, C*07:63																										
C*07:68																										
C*07:69																										
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		

145	100	160	130	255	195	110	155	150	160	85	145	210	225	75	235	255	130	110	85	220	165	65	105	Length of spec.	
	135	255	165			195		185	185	180					260		165	165	160	250	450	115	140	PCR product(s)	
	225					230																195	265		
						260																			
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	135	255	165			195		185	185	180					260		165	165	160	250	450	115	140	PCR product(s)	
	225					230																195	265		

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	135	255	165			195		185	185	180					260		165	165	160	250	450	115	140	PCR product(s)	
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