

## INTERPRETATION TABLE

### HLA-B\*42 SSP subtyping

Amplification patterns of the B\*42:01 to 42:17 alleles

	Well <sup>7</sup>							
	1	2	3	4	5	6	7	8
Length of spec.	215	215	215	220	105	165	165	215
PCR product(s)								
Length of int.	<b>800</b>	1070	1070	1070	<b>800</b>	1070	1070	1070
pos. control <sup>1</sup>								
5'-primer <sup>2</sup>	97	363	97	357	540	412	412	103
	5' -TCT 3'	5' -AgC 3'	5' -TCC 3'	5' -Tgg 3'	5' -gAC 3'	5' -ATA 3'	5' -ATg 3'	5' -CCT 3'
							419	103
							5' -gTT 3'	5' -CCT 3'
							419	
							5' -gTT 3'	
3'-primer <sup>3</sup>	272	538	272	538	605	538	538	277
	5' -TgT 3'	5' -gTC 3'	5' -TgT 3'	5' -gTC 3'	5' -gCT 3'	5' -gTC 3'	5' -gTC 3'	5' -ggT 3'
Well No.	1	2	3	4	5	6	7	8
HLA-B allele <sup>4,5</sup>								
*42:01:01-42:01:02	1	2				6		
*42:02		2	3			6		
*42:04	1			4		6		
*42:05:01-42:05:02	1	2			5	6		
*42:06	1	2				6	7	
*42:07, 08:94 <sup>6</sup>		2				6		8
*42:08	1	2				6		
*42:09		2	3				7	
*42:10	1	2				6		
*42:11		2				6		8
*42:12	1	2				6		
*42:13	1					6		
*42:14	1	2				6		
*42:15	1	2				6		
*42:16	1	2					7	
*42:17		2	3			6		
Well No.	1	2	3	4	5	6	7	8
Length of spec.	215	215	215	220	105	165	165	215
PCR product(s)								
Well No.	1	2	3	4	5	6	7	8

*07:02:01-07:02:27, 07:02:29-07:02:33, 07:05:01-07:07, 07:09, 07:12, 07:14-07:15, 07:17-07:18:02, 07:20-07:24, 07:26, 07:28, 07:30-07:31, 07:34-07:36, 07:39-07:49N, 07:51-07:52, 07:54-07:55, 07:58-07:59, 07:61-07:64, 07:66-07:68:03, 07:70, 07:73- 07:74, 07:76-07:82, 07:84, 07:86-07:99, 07:101-07:124, 07:126-07:142, 07:144- 07:145, 07:147-07:162, 14:21, 38:26, 54:21, 55:10, 56:16, 67:01:01-67:01:02, 67:03, 81:01-81:04N, 83:01	1							
*07:03, 07:08, 07:16, 07:32, 07:38, 07:69, 07:85, 13:14, 14:01:01-14:01:02, 14:07N- 14:08, 14:10, 14:12, 14:14, 14:19, 14:26, 14:32, 15:71, 15:175, 18:01:01:01- 18:01:12, 18:01:14-18:03, 18:05-18:13, 18:15, 18:17N-18:24, 18:26-18:36, 18:38- 18:48, 18:50-18:55, 18:57-18:67, 18:69, 18:71-18:76, 27:12, 27:16, 27:23, 27:92, 35:50, 35:84, 35:162, 35:197, 37:02, 37:07, 37:25, 38:01:01-38:02:03, 38:04, 38:06- 38:18, 38:20-38:25, 38:27-38:29, 38:31- 38:32, 38:35-38:40, 39:01:01:01- 39:01:01:03, 39:01:03-39:01:14, 39:05:01- 39:07, 39:09-39:11, 39:15-39:19:02, 39:22, 39:25N-39:28, 39:30-39:36, 39:38Q, 39:40N-39:48, 39:50-39:51, 39:53-39:62, 39:64-39:71, 39:73-39:75, 40:04, 40:06:01:01-40:06:05, 40:11:01-40:11:02, 40:20, 40:26, 40:28, 40:44, 40:64, 40:68, 40:70, 40:74-40:75, 40:83, 40:86, 40:95- 40:96, 40:98-40:99, 40:109, 40:120, 40:127, 40:131, 40:148-40:149, 40:159, 40:161-40:162, 40:165, 40:167, 40:177, 40:184, 40:190, 40:210, 44:103, 44:131, 48:06, 51:57, 51:103, 51:116, 53:21								8
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>Length of spec. PCR product(s)</b>	<b>215</b>	<b>215</b>	<b>215</b>	<b>220</b>	<b>105</b>	<b>165</b>	<b>165</b>	<b>215</b>
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
*07:04, 07:25, 07:146	1	2			5		7	
*07:11, 07:57, 07:75	1							
*07:19	1	2					7	

*07:27, 07:50, 18:37, 27:18, 27:29, 38:03, 39:02:01-39:02:02, 39:08, 39:13:01-39:13:02, 39:23, 39:39:01-39:39:02, 39:49, 40:93, 44:130, 48:01:01-48:03:02, 48:05, 48:07-48:12, 48:14-48:21, 48:23, 48:25-48:28									8
*07:29, 07:71									
*07:33, 07:53, 07:60, 07:100	1								
*07:56:01-07:56:02, 07:65, 07:72, 15:76, 15:101, 35:76, 44:90, 54:01:01-54:01:03, 54:03-54:06, 54:08N-54:20, 54:22-54:23, 54:25-54:27, 55:01:01-55:03, 55:05, 55:07-55:09, 55:11-55:15, 55:17, 55:19, 55:21-55:24, 55:26-55:33, 55:35-55:46, 55:48, 55:50, 55:52-55:55N, 56:01:01-56:07, 56:09-56:12, 56:15, 56:18-56:22, 56:24-56:32, 56:34, 56:36	1								
*07:143			3						
*08:01:01-08:03, 08:05, 08:08N, 08:10-08:11, 08:15, 08:18-08:19N, 08:21-08:24, 08:26-08:27, 08:29-08:36, 08:38-08:39, 08:41-08:46, 08:48, 08:50-08:53, 08:56-08:59, 08:61-08:68, 08:72N-08:73, 08:75, 08:78, 08:80-08:83, 08:85-08:86N, 08:88, 08:90-08:93, 35:87, 41:02:01-41:02:04, 41:11, 41:13, 41:19		2				6			
*08:04, 08:54		2				6			
*08:07, 08:37, 41:04, 41:18		2					7		
*08:09, 08:84, 15:83, 41:01, 41:05, 41:07, 41:09, 41:12, 41:14, 41:16-41:17, 41:20, 51:08, 51:20, 51:36, 51:44N, 51:97, 52:19				4		6			
*08:12:01-08:12:03, 08:16, 41:03:01-41:03:02, 44:14, 44:62, 57:09						6			
*08:14, 08:28, 08:74, 08:77, 08:87, 41:10		2							
*08:17		2				6			
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	
<b>Length of spec.</b>	<b>215</b>	<b>215</b>	<b>215</b>	<b>220</b>	<b>105</b>	<b>165</b>	<b>165</b>	<b>215</b>	
<b>PCR product(s)</b>									
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	
*08:47, 08:76		2				6			
*08:49							7		
*08:60						6			
*08:69		2				6	7		
*08:71		2				6			

*08:89, 15:51, 15:179, 15:199, 15:218Q, 35:38, 35:115, 35:169, 44:17, 44:51, 44:123, 44:140, 53:22, 57:24, C*05:62, C*15:25								7	
*13:46, 41:21, 44:15, 44:18, 45:01-45:02, 45:04-45:05, 45:07-45:13				4				7	
*14:05, 14:13, 15:07:01-15:07:02, 15:45, 15:55, 15:126, 15:207, 27:07:01-27:07:02, 27:11, 27:24, 27:32-27:34, 27:43, 35:05:01- 35:05:03, 35:22, 35:31, 35:51, 35:58, 35:72, 35:89, 35:97, 35:114, 35:199, 40:27:02, 40:57-40:58, 40:164, 40:200, 44:54, 44:135, 46:12, 51:64, 51:81, 53:14, 58:18, 58:27, C*02:60, C*03:05, C*03:25, C*03:27, C*08:08									
*15:03:01-15:03:03, 15:47:01-15:47:02, 15:54, 15:61-15:62, 15:64, 15:69, 15:91, 15:98, 15:103, 15:123, 15:127, 15:131- 15:132, 15:151, 15:156, 15:158, 15:173, 15:210, 15:220, 15:235, 15:242, 15:253, 40:12, 40:46, 44:40, 44:44, 48:22, 52:16, 55:18									
*15:68, 48:04, 48:13, 48:24									8
*18:14, 38:19, 39:03, 39:14, 39:24:01- 39:24:02, 39:29, 39:37, 40:02:01-40:03, 40:05, 40:08-40:09, 40:13, 40:18-40:19, 40:24, 40:27:01, 40:29, 40:35, 40:37, 40:39- 40:40, 40:50, 40:56, 40:71, 40:78, 40:82, 40:85, 40:89-40:91, 40:94, 40:97, 40:104- 40:105, 40:107, 40:111, 40:115, 40:119, 40:122, 40:133Q, 40:142N-40:145, 40:157, 40:169, 40:173-40:174, 40:176, 40:180- 40:181, 40:189, 40:201-40:203, 40:205- 40:206, 40:209, 40:211, 40:214									8
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	
<b>Length of spec. PCR product(s)</b>	<b>215</b>	<b>215</b>	<b>215</b>	<b>220</b>	<b>105</b>	<b>165</b>	<b>165</b>	<b>215</b>	
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	
*18:49, 39:20									8
*18:56, 37:01:01-37:01:08, 37:03N- 37:04:02, 37:06, 37:08, 37:10-37:11, 37:13- 37:24, 37:26-37:27, 37:29-37:34							7		8
*27:83									
*37:05							7		8
*37:09		2					7		8
*37:12						6			8

*37:28							7	8
*38:30						6	7	8
*40:136, 41:08					5	6		
*40:166, 54:02, 55:16, 56:35			3					
*41:06				4		6		
*41:15		2				6		
*44:20, 44:100, 45:03				4				
*44:106		2						
*44:117, 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*07:199:01-07:199:02							w	
*45:06			3	4			7	
*45:14				4		6	7	
*53:15								
*55:04, 55:49, 55:51	1							
*55:20	1			4		6		
*55:56, 56:13	1			4		6	7	
*82:01-82:03	1					6	7	
C*01:59, C*06:82, C*07:49, C*07:210, C*07:238, C*07:247								
<b>HLA-B allele<sup>4</sup></b>								
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>

<b>INTERPRETATION TABLE</b>							
<b>HLA-B*42 SSP subtyping</b>							
<b>Amplification patterns of the B*42:01 to 42:17 alleles</b>							
<b>Well<sup>7</sup></b>							
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	
<b>170</b>	<b>280</b>	<b>180</b>	<b>105</b>	<b>65</b>	<b>200</b>	<b>230</b>	<b>Length of spec.</b>
					<b>290</b>		<b>PCR product(s)</b>
<b>1070</b>	<b>800</b>	<b>1070</b>	<b>1070</b>	<b>1070</b>	<b>1070</b>	<b>1070</b>	<b>Length of int.</b>
							<b>pos. control<sup>1</sup></b>
<b>142</b>	<b>363</b>	<b>463</b>	<b>206</b>	<b>540</b>	<b>142</b>	<b>412</b>	<b>5'-primer<sup>2</sup></b>
5'-TCT 3'	5'-AgC 3'	5'-TgA 3'	5'-AgA 3'	5'-gAC 3'	5'-TCT 3'	5'-ATA 3'	
					<b>355</b>		
					5'-TCA 3'		
<b>272</b>	<b>603</b>	<b>603</b>	<b>272</b>	<b>566</b>	<b>302</b>	<b>603</b>	<b>3'-primer<sup>3</sup></b>
5'-TgT 3'	5'-gTC 3'	5'-gTg 3'	5'-Tgg 3'	5'-CCC 3'	5'-ggT 3'	5'-gTg 3'	
					<b>603</b>		
					5'-gTg 3'		
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>Well No.</b>
							<b>HLA-B allele<sup>4,5</sup></b>
<b>9</b>							<b>*42:01:01-42:01:02</b>
<b>9</b>							<b>*42:02</b>
<b>9</b>							<b>*42:04</b>
<b>9</b>							<b>*42:05:01-42:05:02</b>
<b>9</b>							<b>*42:06</b>
							<b>*42:07, 08:94<sup>6</sup></b>
<b>9</b>	<b>10</b>						<b>*42:08</b>
<b>9</b>							<b>*42:09</b>
<b>9</b>		<b>11</b>					<b>*42:10</b>
			<b>12</b>				<b>*42:11</b>
<b>9</b>				<b>13</b>			<b>*42:12</b>
<b>9</b>					<b>14</b>		<b>*42:13</b>
<b>9</b>						<b>15</b>	<b>*42:14</b>
<b>9</b>					<b>14</b>		<b>*42:15</b>
<b>9</b>							<b>*42:16</b>
<b>9</b>		<b>11</b>					<b>*42:17</b>
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>Well No.</b>
<b>170</b>	<b>280</b>	<b>180</b>	<b>105</b>	<b>65</b>	<b>200</b>	<b>230</b>	<b>Length of spec.</b>
					<b>290</b>		<b>PCR product(s)</b>
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>Well No.</b>

9							*07:02:01-07:02:27, 07:02:29-07:02:33, 07:05:01-07:07, 07:09, 07:12, 07:14-07:15, 07:17-07:18:02, 07:20-07:24, 07:26, 07:28, 07:30-07:31, 07:34-07:36, 07:39-07:49N, 07:51-07:52, 07:54-07:55, 07:58-07:59, 07:61-07:64, 07:66-07:68:03, 07:70, 07:73-07:74, 07:76-07:82, 07:84, 07:86-07:99, 07:101-07:124, 07:126-07:142, 07:144-07:145, 07:147-07:162, 14:21, 38:26, 54:21, 55:10, 56:16, 67:01:01-67:01:02, 67:03, 81:01-81:04N, 83:01
							*07:03, 07:08, 07:16, 07:32, 07:38, 07:69, 07:85, 13:14, 14:01:01-14:01:02, 14:07N-14:08, 14:10, 14:12, 14:14, 14:19, 14:26, 14:32, 15:71, 15:175, 18:01:01:01-18:01:12, 18:01:14-18:03, 18:05-18:13, 18:15, 18:17N-18:24, 18:26-18:36, 18:38-18:48, 18:50-18:55, 18:57-18:67, 18:69, 18:71-18:76, 27:12, 27:16, 27:23, 27:92, 35:50, 35:84, 35:162, 35:197, 37:02, 37:07, 37:25, 38:01:01-38:02:03, 38:04, 38:06-38:18, 38:20-38:25, 38:27-38:29, 38:31-38:32, 38:35-38:40, 39:01:01:01-39:01:01:03, 39:01:03-39:01:14, 39:05:01-39:07, 39:09-39:11, 39:15-39:19:02, 39:22, 39:25N-39:28, 39:30-39:36, 39:38Q, 39:40N-39:48, 39:50-39:51, 39:53-39:62, 39:64-39:71, 39:73-39:75, 40:04, 40:06:01:01-40:06:05, 40:11:01-40:11:02, 40:20, 40:26, 40:28, 40:44, 40:64, 40:68, 40:70, 40:74-40:75, 40:83, 40:86, 40:95-40:96, 40:98-40:99, 40:109, 40:120, 40:127, 40:131, 40:148-40:149, 40:159, 40:161-40:162, 40:165, 40:167, 40:177, 40:184, 40:190, 40:210, 44:103, 44:131, 48:06, 51:57, 51:103, 51:116, 53:21
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>Well No.</b>
<b>170</b>	<b>280</b>	<b>180</b>	<b>105</b>	<b>65</b>	<b>200</b>	<b>230</b>	<b>Length of spec.</b>
					<b>290</b>		<b>PCR product(s)</b>
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>Well No.</b>
<b>9</b>							*07:04, 07:25, 07:146
<b>9</b>					<b>14</b>		*07:11, 07:57, 07:75
<b>9</b>	<b>10</b>						*07:19

			12				*07:27, 07:50, 18:37, 27:18, 27:29, 38:03, 39:02:01-39:02:02, 39:08, 39:13:01-39:13:02, 39:23, 39:39:01-39:39:02, 39:49, 40:93, 44:130, 48:01:01-48:03:02, 48:05, 48:07-48:12, 48:14-48:21, 48:23, 48:25-48:28
9							*07:29, 07:71
9	10						*07:33, 07:53, 07:60, 07:100
							*07:56:01-07:56:02, 07:65, 07:72, 15:76, 15:101, 35:76, 44:90, 54:01:01-54:01:03, 54:03-54:06, 54:08N-54:20, 54:22-54:23, 54:25-54:27, 55:01:01-55:03, 55:05, 55:07-55:09, 55:11-55:15, 55:17, 55:19, 55:21-55:24, 55:26-55:33, 55:35-55:46, 55:48, 55:50, 55:52-55:55N, 56:01:01-56:07, 56:09-56:12, 56:15, 56:18-56:22, 56:24-56:32, 56:34, 56:36
9							*07:143
							*08:01:01-08:03, 08:05, 08:08N, 08:10-08:11, 08:15, 08:18-08:19N, 08:21-08:24, 08:26-08:27, 08:29-08:36, 08:38-08:39, 08:41-08:46, 08:48, 08:50-08:53, 08:56-08:59, 08:61-08:68, 08:72N-08:73, 08:75, 08:78, 08:80-08:83, 08:85-08:86N, 08:88, 08:90-08:93, 35:87, 41:02:01-41:02:04, 41:11, 41:13, 41:19
			12				*08:04, 08:54
							*08:07, 08:37, 41:04, 41:18
							*08:09, 08:84, 15:83, 41:01, 41:05, 41:07, 41:09, 41:12, 41:14, 41:16-41:17, 41:20, 51:08, 51:20, 51:36, 51:44N, 51:97, 52:19
							*08:12:01-08:12:03, 08:16, 41:03:01-41:03:02, 44:14, 44:62, 57:09
							*08:14, 08:28, 08:74, 08:77, 08:87, 41:10
			12		14		*08:17
9	10	11	12	13	14	15	<b>Well No.</b>
170	280	180	105	65	200	230	<b>Length of spec. PCR product(s)</b>
					290		
9	10	11	12	13	14	15	<b>Well No.</b>
					14		*08:47, 08:76
		11			14		*08:49
					14		*08:60
							*08:69
		11					*08:71



							*08:89, 15:51, 15:179, 15:199, 15:218Q, 35:38, 35:115, 35:169, 44:17, 44:51, 44:123, 44:140, 53:22, 57:24, C*05:62, C*15:25
							*13:46, 41:21, 44:15, 44:18, 45:01-45:02, 45:04-45:05, 45:07-45:13
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9	10	11	12	13	14	15	<b>Well No.</b>
170	280	180	105	65	200	230	<b>Length of spec. PCR product(s)</b>
					290		
9	10	11	12	13	14	15	<b>Well No.</b>
					14		*18:49, 39:20
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							*45:06
							*45:14
		<b>11</b>			<b>14</b>		*53:15
	<b>10</b>						*55:04, 55:49, 55:51
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<b>9</b>							*82:01-82:03
					<b>14</b>		C*01:59, C*06:82, C*07:49, C*07:210, C*07:238, C*07:247
							<b>HLA-B allele<sup>4</sup></b>
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>Well No.</b>