

# INTERPRETATION TABLE

## HLA-B\*55 SSP subtyping

Amplification patterns of the B\*55:01 to B\*55:54 alleles

	Well <sup>6</sup>															
	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	140	90	210	150	215	245	245
PCR product(s)									375		125					
											180					
Length of int. pos. control <sup>1</sup>	800	1070	1070	1070	800	1070	1070	800	1070	1070	1070	1070	1070	800	1070	1070
5'-primer(s) <sup>2</sup>	41	379	420	106	363	245	419	48	48	106	186	103	420	1 <sup>st</sup>	357	357
	5'-CTg <sup>3'</sup>	5'-ACC <sup>3'</sup>	5'-TTA <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-AgC <sup>3'</sup>	5'-ggC <sup>3'</sup>	5'-gTA <sup>3'</sup>	5'-gCC <sup>3'</sup>	5'-gCC <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-AgA <sup>3'</sup>	5'-CCT <sup>3'</sup>	5'-TTA <sup>3'</sup>	5'-CAG <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-Tgg <sup>3'</sup>
		379							272		420					
		5'-ACC <sup>3'</sup>							5'-CTA <sup>3'</sup>		5'-TTA <sup>3'</sup>					
3'-primer(s) <sup>3</sup>	272	463	527	299	559	302	559	302	94	206	272	272	527	175	559	559
	5'-TgT <sup>3'</sup>	5'-gCT <sup>3'</sup>	5'-CCT <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-CgT <sup>3'</sup>	5'-ggC <sup>3'</sup>	5'-CAG <sup>3'</sup>	5'-ggT <sup>3'</sup>	5'-gAC <sup>3'</sup>	5'-CCC <sup>3'</sup>	5'-TgT <sup>3'</sup>	5'-TgT <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-CCg <sup>3'</sup>	5'-CgT <sup>3'</sup>	5'-CAG <sup>3'</sup>
									362		469					
									5'-TCA <sup>3'</sup>		5'-CCg <sup>3'</sup>					
											559					
											5'-CTC <sup>3'</sup>					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-B allele <sup>4,5</sup>																
*55:01:01-55:01:06, 55:01:08, 55:53-55:54	1	2	3												15	
*55:01:07	1	2	3													
*55:02:01-55:02:06, 55:50	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	140	90	210	150	215	245	245
PCR product(s)									375		125					

											180					
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>
<b>*55:04</b>	1				5											
*55:05	1	2	3			6									15	
<b>*55:07</b>	1	2								10			13		15	
<b>*55:08, 55:51</b>	1						7									
*55:09	1	2	w								11					
<b>*55:10</b>	1	2										12	13		15	
*55:11	1	2	3						9						15	
<b>*55:12</b>	1	2						8					13		15	
*55:13	1	2													15	
*55:14	1								9							
*55:15	1	2	3								11				15	
<b>*55:16</b>	1	2											13		15	
<b>*55:17</b>	1														15	
<b>*55:18</b>		2											13		15	
*55:19	1	2											13		15	
<b>*55:20</b>	1														15	
*55:21	1	2													15	
*55:22	1	2									11		13			
<b>*55:23</b>	1	2													15	
*55:24	1	2	3								11					
<b>*55:25</b>	1	2	3						9						15	
*55:26	1	2											13		15	
*55:27	1	2													15	
*55:28	1	2													15	
<b>*55:29</b>	1	2	3												15	
*55:30	1	2											13		15	
<b>*55:31</b>	1	2	3												15	
*55:32	1	2													15	
<b>*55:33</b>	1	2	3												15	
<b>*55:34</b>		2											13		15	
*55:35	1	2											13		15	
<b>*55:36</b>	1	2	3												15	
<b>*55:37</b>	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											13		15	
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>
<b>Length of spec.</b>	400	125	150	235	235	100	180	425	215	140	90	210	150	215	245	245
<b>PCR product(s)</b>									375		125					
											180					
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>



*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, 27:76, 35:09:01-35:09:03, 35:12:01- 35:12:03, 35:18, 35:22, 35:39, 35:44, 35:149, 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, 57:02:01- 57:03:02, 57:07, 57:09, 57:12, 57:17, 57:28N, 57:39, 57:42, 57:46, C*03:81																
*13:01:01-13:02:12, 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		2									11		13			
*13:03, 49:11, 51:15, 56:14, 56:17		2											13			16
*13:04, 15:16:01-15:16:03, 15:67, 15:95, 15:222, 35:37, 49:04-49:05		2														16
*13:06, 13:12, 15:86, 44:10		2											13			
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>
<b>Length of spec.</b>	<b>400</b>	<b>125</b>	<b>150</b>	<b>235</b>	<b>235</b>	<b>100</b>	<b>180</b>	<b>425</b>	<b>215</b>	<b>140</b>	<b>90</b>	<b>210</b>	<b>150</b>	<b>215</b>	<b>245</b>	<b>245</b>
<b>PCR product(s)</b>									375		125					
											180					
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>





*41:01, 41:05-41:07, 41:09, 41:12, 41:14, 41:16																	15
*41:17, 51:08, 51:20, 51:44N, 51:73, 52:19							7										16
*42:02, 42:09					5												
*42:04											12					15	
*44:15, 44:18, 45:01, 45:03-45:05, 45:07, 45:11-45:13	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			
*49:01:01-49:03, 49:06, 49:08-49:10, 49:12-49:17, 49:19N-49:20, 50:01:01, 50:01:03-50:02, 50:05-50:08, 50:10-50:11, 50:13, 50:15	2																16
*49:07	2									11							
*49:18, 50:14	2						7										16
*50:01:02, 50:04																	16
*50:09	2																16
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	
<b>Length of spec.</b>	400	125	150	235	235	100	180	425	215	140	90	210	150	215	245	245	
<b>PCR product(s)</b>									375		125						
											180						
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	
*51:01:01-51:01:14, 51:01:16-51:01:17, 51:01:19-51:03, 51:07:01-51:07:02, 51:09:01-51:09:02, 51:11N-51:12, 51:18-51:19, 51:22-51:24:04, 51:26-51:28, 51:30, 51:32-51:33, 51:38-51:41N, 51:43, 51:48-51:53, 51:55, 51:57-51:58, 51:60, 51:65-51:72, 51:74-51:80, 51:83-51:84, 51:86-51:89, 51:91, 51:94-51:96, 51:98N, 51:100, 51:102-51:105, 51:107-51:115, 51:117-51:126, 52:01:01:01-52:07, 52:09-52:11, 52:13, 52:15, 52:17-52:18, 52:20, 52:22-52:23, 58:08:01-58:08:02, 78:01:01-78:06							7										16
*51:01:15, 51:14, 51:17, 51:85																	16
*51:01:18							7							14			16





*56:23, 59:01:01:01-59:01:01:02, 59:05		2											13		15	
*56:25	1	2	3													16
*56:30	1	2														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	?												12			
*82:01-82:03	1	2														
*83:01	1															
C*05:30										10						
<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>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>

# INTERPRETATION TABLE

## HLA-B\*55 SSP subtyping

Amplification patterns of the B\*55:01 to B\*55:54 alleles

Well <sup>6</sup>															
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
105	215	205	95	270	95	165	100	285	75	95	100	110	220	105	Length of spec.
	310		220		225	220	235	380	310	170				170	PCR product(s)
	415								400						
1070	800	1070	1070	800	800	1070	1070	1070	1070	1070	800	1070	1070	800	Length of int. pos. control <sup>1</sup>
357	48	134	106	41	357	97	357	48	41	357	362	357	379	357	5'-primer(s) <sup>2</sup>
5'-Tgg <sup>3'</sup>	5'-gCC <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-CTg <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-TCC <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-gCC <sup>3'</sup>	5'-CTg <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-gAC <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-ACg <sup>3'</sup>	5'-Tgg <sup>3'</sup>	
		141	357			357			431						
		5'-ATg <sup>3'</sup>	5'-Tgg <sup>3'</sup>			5'-Tgg <sup>3'</sup>			5'-CgA <sup>3'</sup>						
419	94	299	160	142	412	272	412	165	181	412	409	424	559	419	3'-primer(s) <sup>3</sup>
5'-CgT <sup>3'</sup>	5'-gAC <sup>3'</sup>	5'-TCT <sup>3'</sup>	5'-gTT <sup>3'</sup>	5'-TgA <sup>3'</sup>	5'-gTC <sup>3'</sup>	5'-TgT <sup>3'</sup>	5'-gTC <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-gTT <sup>3'</sup>	5'-gTC <sup>3'</sup>	5'-ATA <sup>3'</sup>	5'-gTg <sup>3'</sup>	5'-CgT <sup>3'</sup>	5'-CgA <sup>3'</sup>	
	187		538		539	479	419	259	272	487	427			487	
	5'-gTT <sup>3'</sup>		5'-gTC <sup>3'</sup>		5'-TCC <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-Cgg <sup>3'</sup>	5'-CTC <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-CgT <sup>3'</sup>	5'-gTg <sup>3'</sup>			5'-CgT <sup>3'</sup>	
	292					538	419	259	463						
	5'-gTA <sup>3'</sup>					5'-CCA <sup>3'</sup>	5'-CgA <sup>3'</sup>	5'-CTC <sup>3'</sup>	5'-gCT <sup>3'</sup>						
	292						550								
	5'-gTA <sup>3'</sup>						5'-CAT <sup>3'</sup>								
	292														
	5'-gTA <sup>3'</sup>														
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Well No.
															HLA-B allele <sup>4,5</sup>
															*55:01:01-55:01:06, 55:01:08, 55:53 55:54
															*55:01:07
															*55:02:01-55:02:06, 55:50
															*55:03
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Well No.
105	215	205	95	270	95	165	100	285	75	95	100	110	220	105	Length of spec.
	310		220		225	220	235	380	310	170				170	PCR product(s)



















