

**AllSet+™ Gold SSP**  
**HLA-ABDR WORKSHEET**  
 Code no.: 54350D

<b>Institution</b> _____	<b>Purpose of Test</b> _____	<b>Taq Lot#</b> _____
<b>Sample I.D.</b> _____	<b>DNA Extraction Method</b> _____	<b>Lot#</b> <u>035</u> <b>Batch#</b> _____
<b>Name</b> _____	<b>DNA Conc. (ng/μl)</b> _____	<b>Expiration Date</b> _____
<b>Ethnic Origin</b> _____	<b>Tested by</b> _____	<b>Test Date</b> _____
<b>Donor/Patient</b> _____	<b>Reviewed by</b> _____	<b>Review Date</b> _____

**Allele Assignment** \_\_\_\_\_  
 \_\_\_\_\_

Serological Equivalent	Allele Specificity	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
DR1, -, null	DRB1*01:01:01-02:08/04-13/15-17/19-22/25-32/34-38/40N-41/43/45-50/52N-53/55-56	1																									
DR103, null, -	DRB1*01:03/39N/42		2																								
-	DRB1*01:14	1																			20			24			
-	DRB1*01:18/44	1																	18								
DR17, DR3, -, null	DRB1*03:01:01:01-01:05/01:07-01:21/04:01-07/09/11:01-28/30-37/39/43-45/47-48/50-51/54-59/61-63/66-68N/70-73/77-84/89, DRB3*01:14				5						11											21					
DR17	DRB1*03:01:06				5								14									21					
DR18, -	DRB1*03:02:01-03/29/38/53/74/88				5	6					11																
-	DRB1*03:08/65				5		8				12											21					
DR17, -	DRB1*03:10, DRB1*14:104/111				5						11		14									21					
DR3, -	DRB1*03:40-41/49/52/75				5						11	12															
-	DRB1*03:42/87			3																						25	
-	DRB1*03:46/64				5																	21					
-	DRB1*03:60/69/86				5						11																
-, DR6, DR14	DRB1*03:76, DRB1*13:119, DRB1*14:17/21/30/33										11		15						18		21						
DR4, -, null	DRB1*04:01:01-02:01/02:03-11:02/13-14/16-17:02/19-21/23/26-27/29-34/36-41/44-57/60/63-68/70-77/79-81N/84-98:01/100/102-109/111-137/139-144/146/148-152						7																				
DR4	DRB1*04:02:02		2				7																				
-, DR4	DRB1*04:12/18/25/58						7																	23			
DR4, -	DRB1*04:15/61/138/145						7	8																			
DR4(3), DR4, -	DRB1*04:22/24/78/82/98:02-99/101						7					12															
DR4, -	DRB1*04:28/35/42-43/59/147						7													18							
-	DRB1*04:62						7															20			24		
-	DRB1*04:69						7					12										20					
DR7, -, null	DRB1*07:01:01-21																		16								
	<b>Product sizes</b>			60/90/105/185/195/225	140/149/195	200/215	200/220/225	150/160/175	95/100/110/205/210	125	85/105/215	200/205/215	170/175	40/80/85/125/160/165/235	155	120/155	140/145/150/155	230/235	100/105/170/220	90/105/120	190/240	90/110/155/200					80/85/200/205
	<b>Lane Number</b>	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
	<b>Positive Lanes</b>																										
	<b>1st match:</b>																										
	<b>2nd match:</b>																										
	<b>Failed Controls</b>																										
	<b>False Positive</b>																										
	<b>False Negative</b>																										

**AllSet+™ Gold SSP**  
**HLA-ABDR WORKSHEET**  
**Code no.: 54350D**

Name \_\_\_\_\_

Sample I.D. \_\_\_\_\_

Test Date \_\_\_\_\_

Serological Equivalent	Allele Specificity	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
DR8, -	DRB1*08:01:01-03:03/04:02-04:03/05/07/11/13-14/16-19/23-24/26-27/30:01-30:03/33/37-39/42-46/48-51, DRB1*12:38																		17								
DR8, -	DRB1*08:04:01/04:04-04:07/06/10/12/22/28																		17					23			
-	DRB1*08:08/15																		17		20						
DR8, -	DRB1*08:09/21/35									9						15		17				21					
-	DRB1*08:20										10	11												23			
-	DRB1*08:25/34/47/52												12						17								
-	DRB1*08:29/32/53									9									17								
DR11(8), -	DRB1*08:31/41								8										17								
-	DRB1*08:36:01-36:02																		17				21				
-	DRB1*08:40		2																17			21					
DR9, -	DRB1*09:01:02-15/17-20																				19						
DR10, -	DRB1*10:01:01-04																					20					
DR11, -	DRB1*11:01:01-01:11/01:13-01:17/04:01-04:03/04:05-04:11/06:01-06:03/12:01/15/18-19:03/24/27:01-28:01/29/32-33/35/38-39/43-44/47/49:01-49:02/51/58:02/60-61/66/74:01-75/77-78/81/84:01-84:02/90-91/94-95/97/99-102:02/104/106/108-112/114/117/121/123/126/128-129/133-135/137/140-142								8		10								18								
DR11, -	DRB1*11:01:12/04:04/09-10:02/12:02/46:01-46:02/58:01/62/73/80/93								8		10								18			21					
DR11, -	DRB1*11:01:18/05/08:01-08:02/22/26/34/42/57/64/130								8										18								
DR11, -	DRB1*11:02:01-03/11:01-11:02/14:01-14:02/21/23/36-37:02/41/45/48/50/55-56/63/65:01-65:02/68/70/76/82/85-86/88/124/127/138-139								8		10																
DR11, -	DRB1*11:07/103/105/107/125				5				8				12														
DR11	DRB1*11:13:01-13:02								8				12	13								21					
-, DR11	DRB1*11:16/20/40/59/118/122								8		10											21					
-, DR11	DRB1*11:17/52								8	9			12	13								21					
DR11, -	DRB1*11:25/119								8		10													23			
-	DRB1*11:28:02/87/113/115								8		10					15			18			21					
-	DRB1*11:30			3					8		10								18	19					24		
-	DRB1*11:31/96								8		10								18		20						
-	DRB1*11:53				5				8	9																	
-	DRB1*11:54:01-54:02								8	9	10								18								
-	DRB1*11:67								8										17					23			
-	DRB1*11:69/98								8																		
-	DRB1*11:72/92								8		10								18								
-	DRB1*11:79/131								8										18			21					
-	DRB1*11:83								8		10					15						21					
-	DRB1*11:89								8	9			12						18								
-	DRB1*11:116/120								8		10		12						18								
-	DRB1*11:132								8		10								18			21		23			
-	DRB1*11:136				5				8													21					
DR12, -, null	DRB1*12:01:01-03:03/05-10/12-14/16:01-20/22-26/28-37								9										18								
-	DRB1*12:04								9										17	18							
-	DRB1*12:11/21								9																		
-	DRB1*12:15						6		9										18								
Product sizes																											
Lane Number		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
Positive Lanes																											
1st match:																											
2nd match:																											
Failed Controls																											
False Positive																											
False Negative																											



**AllSet+™ Gold SSP**  
**HLA-ABDR WORKSHEET**  
**Code no.: 54350D**

Name \_\_\_\_\_

Sample I.D. \_\_\_\_\_

Test Date \_\_\_\_\_

Serological Equivalent	Allele Specificity	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
-	DRB1*14:25										10	11									20			24			
-	DRB1*14:31								9				13	14								21			24		
-	DRB1*14:32:01-32:02										11		13	14								21			24		
-	DRB1*14:34												13	14								21			24		
-	DRB1*14:35/132										11		13	14					18			21					
-	DRB1*14:37										10	11		14								21	22	23	24		
-	DRB1*14:38	2									11		13	14								21					
-	DRB1*14:39/124										11		13	14													
-	DRB1*14:42										11	12							18								
-	DRB1*14:43										11		13									21	22	23			
-	DRB1*14:46													15					19							24	
DR14	DRB1*14:49									11		14	15								20				24		
DR14	DRB1*14:50	2							9				13	14								21					
-	DRB1*14:52	2												15			17										
DR13(14)	DRB1*14:53										10	11							18		20				24		
-	DRB1*14:55										11		14	15								21					
DR4	DRB1*14:57	2					7						14														
-	DRB1*14:58										11	12															
-	DRB1*14:62										11		13	14								21	22				
-	DRB1*14:63/67										10	11		15								21			23		
-	DRB1*14:64/72/95/134										11		13						18			21					
-	DRB1*14:68								9				13	14							20	21					
-	DRB1*14:69										11										20					24	
-	DRB1*14:73/76/79/107								9				14									21					
-	DRB1*14:74										11		14									21				24	
-	DRB1*14:78										10	11		15											23		
-	DRB1*14:84/136										11		15									21			23		
-	DRB1*14:93	2							9				13	14							20	21					
-	DRB1*14:100										11		13									21			23	24	
-	DRB1*14:105										10	11		14	15							21				24	
-	DRB1*14:119										11		14	15							20	21				24	
-	DRB1*14:126								9				13									21					
-	DRB1*14:128										10	11							18							24	
null	DRB1*14:137N									11		14										21					
-	DRB1*14:138								9				13	14					18			21					
DR15, DR2, -, null	DRB1*15:01:01:01-20/22-24/26/28-33/35-37:02/39-49/51-53/55-61/64-65/67-70/72-79/81-83/85-87/89-92	3																									
-	DRB1*15:21	3																							23		
-	DRB1*15:25/38/63/71	3											12														
-	DRB1*15:27/54/66/84	3																	18								
null	DRB1*15:50N/80N	3	4																								
-	DRB1*15:62	3											14											22			
DR16, DR2, -, null	DRB1*16:01:01:08/11-15/17-21N		4																								
DR16, -	DRB1*16:09-10	3	4																18								
-	DRB1*16:16		4						8																		
DR52, -, null	DRB3*01:01:02:01-02/04-08/10-13/15, DRB3*02:01-02:03/02:05-03/05-14/17-18/20-21/23-26/28-29N, DRB3*03:01:01-02																										25
-	DRB3*01:03/09, DRB3*02:04/19/22, DRB3*03:03						6																				25
DR52	DRB3*02:02:04												14														25
-	DRB3*02:15																			19							25
-	DRB3*02:16	2											14								20						25
-	DRB3*02:27																			19							24
Product sizes		60/90/105/185/195/225/195/205/210											40/80/85/125/160/165/235/170/175/200/205/215/85/105/215/125														
Lane Number		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
Positive Lanes																											
1st match:																											
2nd match:																											
Failed Controls																											
False Positive																											
False Negative																											

**AllSet+™ Gold SSP**  
**HLA-ABDR WORKSHEET**  
**Code no.: 54350D**

Name \_\_\_\_\_

Sample I.D. \_\_\_\_\_

Test Date \_\_\_\_\_

Serological Equivalent	Allele Specificity	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
DR53, -, DR51, null	DRB4*01:01:01:01-03:01:01/03:01:03-08, DRB5*01:01:01:01-07/09-14, DRB5*02:02-06																										26
null	DRB4*01:03:01:02N												12														26
null	DRB5*01:08N					5																					26
Product sizes			60/90/105/185/195/225	140/145/195	200/215	200/220/225	150/160/175	95/100/110/205/210	125	85/105/215	200/205/215	170/175	40/80/85/125/160/165/235	135	120/155	140/145/150/155	230/235	100/105/170/220	90/105/120	190/240	90/110/155/200	110/140/175	80/85/90/250	80/215/225	210/235	80/85/200/205	
Lane Number		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
Positive Lanes																											
1st match:																											
2nd match:																											
Failed Controls																											
False Positive																											
False Negative																											

**AllSet+™ Gold SSP**  
**HLA-ABDR WORKSHEET**  
**Code no.: 54350D**

Name \_\_\_\_\_ Sample I.D. \_\_\_\_\_

Test Date \_\_\_\_\_

Serological Equivalent	Allele Specificity	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
A1, null, -	A*01:01:01:01-01:06/01:08-06/08-11N/14-18N/20-24/26-27N/29-42/44-50/52N-68/70-71/73-101/103-126	27																						
A1	A*01:01:07	27																						
-, A1	A*01:12/19/25	27			30																			
-	A*01:13	27	29			32															45			
-	A*01:28	27				32															45			
-	A*01:43/51	27								35														
-	A*01:72/102, A*11:18				30																			
A2, -, A210, null, A28	A*02:01:01:01-02/04-11:01/11:03-22:01/24:01-24:02/26-33/36-37/39-45/47/49/51-55/57-61/63-69/71-72/74:01-75/77/79:01-102/104-116/118-121/123-128/130-134/136-147/149-155/157-170/172-229/231-236/238-242/244/246-252/254-257/259-261/263/265-266/268-279/282-308/310-314N/316-318/320-333/335-337/339-344/346-354/356N-369/371-403, C*08:32		28																					
A203, A2, -	A*02:03:01-03:04/25/38/117/135/148/171:01-171:02/230/253/258/262/264/267/280-281/315/345/355/370		28				32																	
A2	A*02:11:02		28																		45			
A2	A*02:22:02		28																					
A2, -	A*02:34-35:02/56:01-56:02/62/103		28	29																			47	
A2	A*02:35:03		28	29																	45		47	
A2, -	A*02:46/48/70/129/309		28												41									
A2, -	A*02:50/73/76:01/122/245/319/334		28																			46		
-, A68	A*02:76:02, A*24:188/228, A*68:01:11/05/15/20/36, C*14:48																					46		
A2	A*02:78		28																			47		
-	A*02:156/338		28		30																	46		
-	A*02:237, A*03:89		28	29																				
-	A*02:243		28												40									
A3, null, -	A*03:01:01:01-01:18/01:20-01:38/03N-08/11N-17:02/19-29/33-40/42/44-56/58-64/66-68N/70-72/74/77-81/83-88/91N-95/97-105/109-112/114-122/124-134/136-151/153-159/161N-162N			29																		45		
A3	A*03:01:19			29												41						45		
A3, -, null	A*03:02:01-02:03/10/31-32/65/69N/73/76/90/106/113/123/160, A*11:130			29	30																	45		
-, A3	A*03:09/96/108, A*32:04			29																				
-	A*03:18/135			29			32															45		
-	A*03:30			29			33								41		43				45			
-	A*03:41/57/107			29													43							
-	A*03:43			29							37											45		
-	A*03:75			29																		45		47
-	A*03:82			29	30						37											45		
-	A*03:152			29			33								41		43							
Product sizes				155/195/205/255/565/575 640																				
Lane Number		27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Positive Lanes																								
1st match:																								
2nd match:																								
Failed Controls																								
False Positive																								
False Negative																								

**AllSet+™ Gold SSP**  
**HLA-ABDR WORKSHEET**  
**Code no.: 54350D**

Name \_\_\_\_\_

Sample I.D. \_\_\_\_\_

Test Date \_\_\_\_\_

Serological Equivalent	Allele Specificity	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
A11, -, null	A*11:01:01-01:20/01:22-01:25/01:27-01:43/01:45-03/05/07-16/20-25/29-34/36-37/41-42/44-49/51-56/58-89/91-93/95-97/99N-105/107-111/114-117/119-120/122-129/131-132/135-138				30														44	45				
A11, -	A*11:01:21/01:44/04/19/27/35/38-39/90/98/106/121				30															45				
A11, -	A*11:01:26/06				30															44				
-	A*11:17/40				30					35														
-	A*11:26/118, A*66:18																			44	45			
-	A*11:43				30							38								44	45			
-, A66(34), A10, A26	A*11:50Q/94, A*66:02-03/05/10/15-16						32													45				
-	A*11:57				30															44	45	46		
-	A*11:112				30		32													44	45			
-	A*11:113				30							37								44	45			
-	A*11:133				30															44				
-	A*11:139							33												44	45	47		
A23, -, null	A*23:01:01-03:02/05-12/15-33/35-44/46-50/52-56					31																		
A23	A*23:04					31										41								
-	A*23:13					31																	47	
-	A*23:14:01-14:02, A*24:71					31		33																
-	A*23:45					31													43					
A24, -, A2403, null	A*24:02:01:01-02:25/02:27-02:36/02:38-02:64/04-06/08/10:01-17/20-21:02/23/25-32/34-43/45N-50/52-61/63-70/72-81/83N-91/93/95-107/109-111/113-124/126-130/132N-137/139-166/168-173/175-187/189-203/205-206/208-212/214-227/229-230						33																	
A24	A*24:02:26							33																
A24	A*24:02:37							33																
A2403, A9, -	A*24:03:01-03:02/22/33/125/167/207							33								41								
A24, -	A*24:07/108/112/131							33																47
null	A*24:09N							33												42				
-	A*24:18/204							33								41	43							
A9	A*24:19							33													45	47		
-	A*24:24																						47	
-	A*24:44																				45			
-	A*24:51/92					30		33																
-	A*24:62/213							33												43				
-	A*24:82							33				38	40											
-	A*24:94/138												41									46		
-	A*24:174							33																
A25, -, null	A*25:01:01-01:07/03-04/07-22								34															
A25	A*25:02								34												44			
-	A*25:05								34														46	
-	A*25:06								34							41								
A26, A10, null, -	A*26:01:01:01-03:01-15/01:17-01:22/01:24-02/04/07:01-08/10-12/14-18/20/22-29/31-32/34-53/55-77/79-84									35											43			
A26	A*26:01:02/05									35														
A26	A*26:01:16									35											43			
A26	A*26:01:23									32	35										43			
A26, -	A*26:03:01-03:02/06/21/30/78						32																	
Product sizes				155/195/205/525/565/575	229/307/35	490/520/550/580	530/535	170/215/230	229/307/35	385/440	75/235	115/150	200/205/250	420/530/565/675	170/180/205/210	440	325/640	385/400/420/425/445/460/525/560/565	550	180	180/685	350/380/385	155/180	495
Lane Number		27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Positive Lanes																								
1st match:																								
2nd match:																								
Failed Controls																								
False Positive																								
False Negative																								





**AllSet+™ Gold SSP**  
**HLA-ABDR WORKSHEET**  
**Code no.: 54350D**

Name \_\_\_\_\_

Sample I.D. \_\_\_\_\_

Test Date \_\_\_\_\_

Serological Equivalent	Allele Specificity	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
-	A*66:04						32													44	45			
-	A*66:11																		43	44	45			
A68, -, A28, null	A*68:01:01:01-01:10/01:12-04/06-14/16-19/21:01-28/30-35/37-47/51-60/62-70/72-82/85-99																				45	46		
-	A*68:29												40								45	46		
-	A*68:61																			44	45	46		
-	A*68:71			29																	45	46		
-	A*68:84									35												46		
A69	A*69:01																				45	47		
A74, -, null	A*74:01-05/07-09/11-12N/14N-17																				45			48
A74, C6	A*74:06, C*06:02:15																							48
-	A*74:10										36								43					48
-	A*74:13			29																	45			48
A80, -	A*80:01:01:01-02																							49
Product sizes			155/199/205/525/565/575																					495
			640																					
Lane Number		27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Positive Lanes																								
1st match:																								
2nd match:																								
Failed Controls																								
False Positive																								
False Negative																								

























