



American Foundation for Donation and Transplantation  
 8154 Forest Hill Avenue, Suite 3  
 Richmond, VA 23235-3255  
 Ph: (804) 323-9890

## AFDT Proficiency Testing PRA Class I Summary Report

### Consensus Results - Sept. 2014/ Ev02

Serum: 164 - 168

PRA Class I Introduction:

Serum	164	Test	Class I-CDC/AHG																	#Labs with Results:	6	Ttl Cons	1				
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS					
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54				
	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201					
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0					
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18										
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										

Serum	164	Test	Class I-Solid Phase Full Panel (Multi-Antigen)																	#Labs with Results:	8	Ttl Cons	1				
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS					
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0							
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54				
	75	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0			
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201					
0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0						
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18										
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										

Serum	164	Test	Class I-Solid Phase Single Antigen																	#Labs with Results:	16	Ttl Cons	1			
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74						
	6	6	12	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6						
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54			
	56	6	6	6	6	6	6	6	6	0	6	12	0	6	6	6	6	6	6	6	6	6	6			
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201				
6	6	62	38	0	6	6	6	6	6	6	6	0	12	6	6	6	6	6	6	44	6					
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18									
0	6	0	6	6	6	6	6	6	6	0	6	0	6	6	6	6	6									

No consensus for any of the panels. The phenotypic panel showed 75% concordance for antibody against B7, but only 56% of the participants called this using the single antigen beads. Anti-B57 showed 62% concordance on the single antigen panels, but was seen by only 25% on the phenotypic panels. Overall, there was not clear specificity with this serum.



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## AFDT Proficiency Testing PRA Class I Summary Report

Consensus Results - Sept. 2014/ Ev02

Serum	165	Test	Class I-CDC/AHG																	#Labs with Results:	6	Ttl Cons	1			
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18									
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

  

Serum	165	Test	Class I-Solid Phase Full Panel (Multi-Antigen)																	#Labs with Results:	8	Ttl Cons	1			
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54			
	0	0	12	0	0	12	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0		
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201				
0	0	62	62	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18									
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

  

Serum	165	Test	Class I-Solid Phase Single Antigen																	#Labs with Results:	18	Ttl Cons	2		
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74					
	6	6	0	6	6	6	6	6	6	6	0	0	6	6	0	0	6	6	6	6					
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54		
	0	0	17	0	0	22	0	6	6	0	0	0	6	0	0	6	0	0	6	11	6	0	6		
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201			
0	0	94	83	0	0	6	0	0	11	0	0	0	6	6	0	6	0	6	0	0	0	0			
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18								
6	6	0	6	11	22	6	6	6	6	0	11	0	6	6	6	11	11								

Serum 165 reached consensus for anti-B57 and B58 only with the single antigen panels. The phenotypic panel did not reach consensus but supported the single antigen bead findings with 62% concordance for anti-B57 and B58.



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Consensus Results - Sept. 2014/ Ev02

Serum	166	Test	Class I-CDC/AHG																	#Labs with Results:	6	Ttl Cons	1										
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52		B53	B54									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0									
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81		B8201										
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
Serum	166	Test	Class I-Solid Phase Full Panel (Multi-Antigen)																	#Labs with Results:	6	Ttl Cons	1										
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS											
	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52		B53	B54									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0									
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81		B8201										
0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17											
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
Serum	166	Test	Class I-Solid Phase Single Antigen																	#Labs with Results:	11	Ttl Cons	1										
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS											
	9	9	0	0	0	0	0	9	0	0	9	9	9	9	9	0	0	0	0	0													
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52		B53	B54									
	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9	0	0	0	9	0		0	0									
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81		B8201										
0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9											
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9	0
0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9	0															

Serum 166 was Negative for Class I antibody by all methods and panels



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## AFDT Proficiency Testing PRA Class I Summary Report

Consensus Results - Sept. 2014/ Ev02

Serum	167	Test	Class I-CDC/AHG																	#Labs with Results:	6	Ttl Cons	1			
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18									
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

  

Serum	167	Test	Class I-Solid Phase Full Panel (Multi-Antigen)																	#Labs with Results:	7	Ttl Cons	1			
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS				
	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0		
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	14	0					
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18									
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

  

Serum	167	Test	Class I-Solid Phase Single Antigen																	#Labs with Results:	14	Ttl Cons	1			
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74	<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS				
	7	7	0	0	0	7	0	0	0	21	0	0	0	7	0	0	0	7	0	0						
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54			
	0	0	0	0	0	0	0	0	0	0	0	7	7	43	0	0	0	0	0	0	0	0	0	0		
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B8201				
7	7	7	0	7	0	0	0	0	7	0	0	0	0	0	0	7	57	0	0	0	0					
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18									
0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0									

Serum 167 was Negative with all methods and panels



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Serum	168	Test	Class I-CDC/AHG																	#Labs with Results:	6	Ttl Cons	3								
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74											
	83	0	83	67	17	67	0	0	0	0	0	0	0	0	83	0	0	0	0	0											
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B82									
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18														
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
Serum	168	Test	Class I-Solid Phase Full Panel (Multi-Antigen)																	#Labs with Results:	8	Ttl Cons	1								
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74								<input checked="" type="checkbox"/>	NEGATIVE CONSENSUS		
	75	0	75	75	75	0	62	62	12	0	0	0	12	75	0	0	0	12	0												
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54								
	12	0	0	25	0	50	12	12	12	0	0	0	0	12	12	12	12	0	0	38	12	0	12								
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B82									
12	0	12	0	12	0	0	0	0	12	0	12	0	0	0	12	12	12	12	0	12	12										
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18														
0	0	0	12	12	0	0	0	0	0	0	12	0	0	0	0	0	12														
Serum	168	Test	Class I-Solid Phase Single Antigen																	#Labs with Results:	21	Ttl Cons	11								
% Match:	A1	A2	A3	A11	A23	A24	A25	A26	A29	A30	A31	A32	A33	A34	A36	A43	A66	A68	A69	A74											
	100	10	95	100	100	100	0	100	100	52	29	52	29	19	100	95	5	5	5	19											
	B7	B8	B13	B18	B27	B35	B37	B38	B39	B40	B41	B42	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54								
	0	0	5	48	5	86	29	0	0	0	0	0	5	0	0	0	10	14	5	76	29	67	0								
	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B67	B70	B71	B72	B73	B75	B76	B77	B78	B81	B82									
0	0	0	5	0	0	0	24	0	0	0	0	0	24	24	0	33	100	19	48	0	5										
Cw1	Cw2	Cw3	Cw4	Cw5	Cw6	Cw7	Cw8	Cw9	Cw10	Cw11	Cw12	Cw13	Cw14	Cw15	Cw16	Cw17	Cw18														
10	0	0	5	0	0	5	0	0	0	0	5	0	5	5	5	5	0														

Comment:

For serum 168, consensus was reached (>80% concordance) for A1,3,11,23,24,26,29,36,43 and B35,76. Even though consensus was not reached on the phenotypic panel, these specificities were supported by the majority of the laboratories.