

SERUM EXCHANGE #555

Sera 1213-1216

The results for **Serum Exchange 555 (sera 1213 - 1216)**, are summarized in Tables 32-37 and individual laboratory results by method are listed in Tables 38-48. Sera reactive to A11, B12(B44, B45), B13, and 5C specificities were examined in this second study.

1213	method	#labs	B44	B45	A2	B50	B49	A68	A69	A28	B60	B61	B13	B41	B47	B57	B58	B7	B27	B81	B62	B48	B72	A33	A32	B76	B82	A66	B73	A25	A26	A31	A6602	A29	B2708	B52	A203	A74			
class I	NIH-Std	5	100	80	20	20																																			
	NIH-Ext	2	100	100	100	50	50	50			50	50																													
	AHG	3	100	100	100	67	67	33		67	67	100	67	33	33	33	33	33																							
	Luminex	29	100	100	100	100	100	100	100		93	93	100	100	100	97	97	100	97	86	48	76	48	100		90	90	79	76	45	45	31	31	28	28	24	21	21			
	ELISA	2	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100	50	100	50	100	50																
	Flow	1	no specificities assigned																																						
	C1q	1	no consensus																																						
	Other	3	33	33		33	33				33	33	33																												

1213	method	#labs	DR4	DR9	DP11	DR7	DO5	DR53	DQA1*01
class II	Luminex	24	96	21	21	13	8	8	4
	Other	2	50						

For **serum 1213** strong positivity to B12 (44, B45) was reported by all methods. In addition, strong reactivity to A2, A28 (A68, A69), B13, and B21 (B49, B50) was reported by various methods. AHG, ELISA, and Luminex also reported reactivity to B57, B58, and a few 7C specificities. For class II, strong anti-DR4 reactivity was reported by Luminex.

1214	method	#labs	A11	A1101	A1102	A66	A6601	A6602	B38	B39	A1	A3	A36	A25	A26	A34	A68	A69	A28	A24	A2403	B18	B42	A29	A30	A31	A80	A32	A33	A74	B35	B37	B41	B51	B52			
class I	NIH-Std	5	100			20			20	40	20	40		20	20																							
	NIH-Ext	2	100			100			100	100			50						50	50																		
	AHG	3	100			33			67	33	100	67	33			33	67		67	33		33	33															
	Luminex	29	86	21	21	86	24	24	97		97	97	97	100	100	97	97	100		97	21	100	93	100	97	97	97	100	100	100	100	100	100	97	93	93		
	ELISA	2	100			100			100	100	100	100	100	100	100	100	100	100				100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
	Flow	1	no specificities assigned																																			
	C1q	1	no consensus																																			
	Other	3	no specificities assigned																																			

1214	method	#labs	B53	B54	A43	B55	B8	B39	B49	B67	B65	B56	B59	B71	B58	B62	B63	B72	B77	B57	B75	A23	B64	B76	B27	B2708	B48	B78	B50	B73	Cw7	Cw15	B44	B47	B82	Bw6	
	NIH-Ext	2																																			
	AHG	3				33	33																														
	Luminex	29	93	97	97	100	100	93	97	97	90	93	93	93	90	90	90	90	90	90	90	90	86	86	86	72	21	72	72	72	59	62	59	55	48	45	33
	ELISA		100	100																																	

1214	method	#labs	Negative
class II	Luminex	17	100
	Other	2	100

Serum 1214 was reported as strongly positive to A11 (A1101, A1102), and A66 (A6601, A6602) by NIH, antiglobulin, Luminex, and ELISA. In addition, reactivity to B18, B38, B39, and B42, along with reactivity to other 1C and 10C specificities was reported by various methods. Additional strong anti-B49 reactivity and reactivity to 5C and 8C specificities was reported by Luminex. This sample was reported as negative for class II.

1215	method	#labs	B57	B58	B49	B50	B51	B52	A25	A32	A23	A24	A2403	B13	B27	B2708	B37	B38	Bw4	B44	B45	B35	B53	B63	B62	B71	B72
class I	NIH-Std	4	75		50		25	25	25						25				25	25							
	NIH-Ext	2	100	100	100		100	50	50	100		50		50	50		50	50		50			100	50			50
	AHG	3	33		33	33	33		67	67	67	100		33	33		33		67			33			33		
	Luminex	28	100	100	100	100	100	100	93	100	100	100	21	100	100	21	100	100	31	100	100	100	100	93	89	93	93
	ELISA	2	100	100	100	100	100	100	100	100	100	100		100			100	100		100	100	100	100	100	100	100	100
	Flow	1	no specificities assigned																								
	C1q	1	no consensus																								
	Other	3							33	33	33	33							33								

1215	method	#labs	B18	B47	B54	B55	B56	B59	A33	A28	A2	A26	B65	B16	B46	B77	B67	B75	B78	B7801	A31	B39	B41	B8	B82		
class I	NIH-Std	4							25	25	25	25															
	AHG	3												33													
	Luminex	28	86	100	100	100	100	100	3		3		64	3		93	89	89	89	18	89	71	43	36	21		
	ELISA	2	100	100	100	100	100	100							100												

1215	method	#labs	DR13	DQ6	DR12	DQ9	DQ8	DR4	DQA1*01	DQA1*03	DR103
class II	Luminex	24	96	96	83	67	62	54	25	25	25
	Other	2	50	50							

For serum **1215**, reactivity to 5C specificities was reported by all methods. Additional reactivity to B38, Bw4, as well as to 1C, 7C, and 12C specificities, was reported by various methods. For class II, strong DR and DQ reactivity (DR4, DR12, DR13, DQ6, DQ8, DQ9) was reported by Luminex. In addition, allele specific DRB1*12:01 reactivity, along with weak DRB1*04:02 reactivity, was reported by a number of (n = 5) labs.

1216	method	#labs	B13	A32	B18	B38	B39	B3901	B41	B60	B61	B44	B45	B47	B35	B37	B48	B49	B50	B51	B52	B53	B59	B62	B72	B75	B78	B8	A25	A26
class I	NIH-Std	4	100																											
	NIH-Ext	2	100																											
	AHG	3	100	67	33	33	33		33	33	33	33		33																
	Luminex	28	100	100	100	100	89	18	100	89	86	100	100	93	100	100	89	100	100	93	93	100	96	93	93	93	93	100	96	93
	ELISA	2	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50
	Flow	1	no specificities assigned																											
	C1q	1	no consensus																											
	Other	3	33		33				33	33	33		33											33						

1216	method	#labs	A29	A24	B27	A23	A74	A34	A33	A3	A30	A43	A68	B47	B71	B77	A31	B64	B76	A66	A6601	A6602	A69	A11	B65	B7	B54	B67	A80	
	AHG	3		33	33	33																								
	Luminex	28	96	3	3		100	100	96	96	93	93	93	93	93	93	89	89	89	89	21	21	79	79	75	29	21	21	18	
	ELISA	2	100																											

1216	method	#labs	DR7	DR9	DQ2	DR11	DP28	DPw3	DP18	DPw2	DP14	DP17	DP10	DP20	DP9	DPw6	DR52	DPw4	DR12	DP402	DQA1*02	DPA1*01	DPA1*04	DQA1*05	DR10	DR13	DPA1*02
class II	Luminex	24	96	96	96	92	88	88	88	83	79	79	67	67	67	67	63	58	46	38	33	17	13	13	8	8	8
	C1q	1																									
	Other	2																									

Serum 1216 was reported as strongly positive to B13 by all methods. Additional reactivity to B18, B38, B39, as well as to 5C, 7C, and 12C specificities was reported by various methods. Strong anti-A25, -A26, and -B8 reactiv-

ity was also reported by antiglobulin and Luminex. For class II, strong reactivity to DR7, DR9, DR11, and DQ2 was reported along with strong reactivity to a number of DP antigens.

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Table 32. Summary of the 555th Serum Exchange (Serum #1213-1216) by NIH-Standard and NIH-Extended - class I

Method: NIH-Standard												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
5 typing Labs			5 typing Labs			4 typing Labs			4 typing Labs			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
B44	100%	98%	A11	100%	100%	B57	75%	100%	B13	100%	100%	
B45	80%	100%	B39	40%	25%	B49	50%	100%				
A2	20%	100%	A3	40%	22%	A25	25%	100%				
B50	20%	50%	A1	20%	100%	A26	25%	100%				
			A25	20%	100%	A33	25%	100%				
			A26	20%	100%	B27	25%	100%				
			A66	20%	100%	B44	25%	100%				
			B38	20%	100%	B51	25%	100%				
						B52	25%	100%				
						A28	25%	67%				
						Bw4	25%	50%				
						A2	25%	14%				

Method: NIH-Extended												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
B44	100%	100%	A11	100%	100%	A32	100%	100%	B13	100%	100%	
B45	100%	100%	A66	100%	100%	B49	100%	100%				
A2	100%	94%	B38	100%	100%	B51	100%	100%				
A34	50%	100%	B39	100%	100%	B53	100%	100%				
A68	50%	100%	A36	50%	100%	B57	100%	100%				
B50	50%	100%	A24	50%	91%	B58	100%	100%				
B61	50%	100%	A28	50%	57%	A25	50%	100%				
B60	50%	67%				B13	50%	100%				
B49	50%	50%				B38	50%	100%				
						B44	50%	100%				
						B52	50%	100%				
						B63	50%	100%				
						B72	50%	100%				
						A24	50%	80%				
						B27	50%	67%				
						B37	50%	50%				

Table 33. Summary of the 555th Serum Exchange (Serum #1213-1216) by AHG, C1q, and Other - class I

Method: Antiglobulin											
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B44	100%	100%	A11	100%	100%	A24	100%	90%	B13	100%	100%
B45	100%	100%	A1	100%	95%	A23	67%	100%	A32	67%	62%
B61	100%	100%	A28	67%	100%	A25	67%	100%	B47	33%	100%
A2	100%	94%	A3	67%	100%	A32	67%	100%	B60	33%	100%
B13	67%	100%	A68	67%	100%	Bw4	67%	93%	A24	33%	91%
B49	67%	100%	B38	67%	100%	B13	33%	100%	B27	33%	83%
B50	67%	100%	A24	33%	100%	B16	33%	100%	B18	33%	80%
B60	67%	100%	A34	33%	100%	B27	33%	100%	B38	33%	80%
A28	67%	60%	A36	33%	100%	B37	33%	100%	A23	33%	75%
A68	33%	100%	A66	33%	100%	B49	33%	100%	B39	33%	75%
B41	33%	100%	B18	33%	100%	B50	33%	100%	B61	33%	75%
B47	33%	100%	B39	33%	100%	B51	33%	100%	B44	33%	38%
B57	33%	100%	B42	33%	100%	B57	33%	100%	B41	33%	33%
B58	33%	100%	B8	33%	100%	B62	33%	100%			
B7	33%	100%	BW6	33%	92%	B35	33%	83%			

Method: C1q											
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***		
1 typing Labs			1 typing Labs			1 typing Labs			1 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no consensus			no consensus			no consensus			no consensus		

Method: Other											
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B13	33%	100%	no antigens assigned			A23	33%	100%	B13	33%	100%
B44	33%	100%				A24	33%	100%	B18	33%	100%
B45	33%	100%				A25	33%	100%	B41	33%	100%
B49	33%	100%				A32	33%	100%	B45	33%	100%
B50	33%	100%				Bw4	33%	100%	B60	33%	100%
B60	33%	100%							B61	33%	100%
B61	33%	100%							B62	33%	100%

Table 34. Summary of the 555th Serum Exchange (Serum #1213-1216) by Luminex - class I

Method: Luminex											
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***		
29 typing Labs			29 typing Labs			28 typing Labs			28 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A2	100%	100%	A25	100%	100%	A23	100%	100%	A32	100%	100%
A33	100%	100%	A26	100%	100%	A24	100%	100%	A74	100%	100%
A34	100%	100%	A29	100%	100%	A32	100%	100%	B13	100%	100%
A68	100%	100%	A32	100%	100%	B13	100%	100%	B18	100%	100%
A69	100%	100%	A33	100%	100%	B37	100%	100%	B35	100%	100%
B13	100%	100%	A69	100%	100%	B38	100%	100%	B37	100%	100%
B41	100%	100%	A74	100%	100%	B44	100%	100%	B38	100%	100%
B44	100%	100%	B18	100%	100%	B47	100%	100%	B41	100%	100%
B45	100%	100%	B35	100%	100%	B49	100%	100%	B44	100%	100%
B47	100%	100%	B37	100%	100%	B50	100%	100%	B45	100%	100%
B49	100%	100%	B55	100%	100%	B51	100%	100%	B49	100%	100%
B50	100%	100%	B8	100%	100%	B52	100%	100%	B50	100%	100%
B7	100%	75%	A1	97%	100%	B53	100%	100%	B53	100%	100%
B27	97%	100%	A24	97%	100%	B54	100%	100%	B8	100%	100%
B57	97%	100%	A3	97%	100%	B56	100%	100%	A34	100%	60%
B58	97%	100%	A30	97%	100%	B57	100%	100%	A25	96%	100%
B60	93%	100%	A31	97%	100%	B58	100%	100%	A3	96%	100%
B61	93%	100%	A34	97%	100%	B59	100%	100%	A33	96%	100%
B76	90%	100%	A36	97%	100%	B35	100%	89%	B59	96%	100%
B82	90%	100%	A43	97%	100%	B45	100%	83%	A29	96%	93%
A1	90%	93%	A68	97%	100%	B55	100%	71%	A26	93%	100%
B81	86%	83%	A80	97%	100%	B27	100%	64%	A30	93%	100%
A66	79%	50%	B38	97%	100%	A25	96%	100%	A43	93%	100%
B73	76%	100%	B41	97%	100%	B63	93%	100%	A68	93%	100%
B48	76%	75%	B49	97%	100%	B71	93%	100%	B47	93%	100%
B62	48%	100%	B54	97%	100%	B72	93%	100%	B51	93%	100%
B72	48%	100%	B67	97%	100%	B77	93%	100%	B52	93%	100%
A25	45%	100%	B39	93%	100%	B62	89%	100%	B62	93%	100%
A26	45%	100%	B42	93%	100%	B67	89%	100%	B71	93%	100%
A31	31%	100%	B51	93%	100%	B75	89%	100%	B72	93%	100%
A6602	31%	100%	B52	93%	100%	B78	89%	100%	B77	93%	100%
A29	28%	100%	B53	93%	100%	B18	86%	80%	B78	93%	100%
B2708	28%	100%	B56	93%	100%	B46	79%	67%	B75	93%	90%
B52	24%	100%	B59	93%	100%	B64	75%	100%	A31	89%	100%
A203	21%	100%	B71	93%	100%	B39	71%	100%	B39	89%	100%
A74	21%	100%	B58	90%	100%	B65	64%	100%	B48	89%	100%

Table 34. Summary of the 555th Serum Exchange (Serum #1213-1216) by Luminex

Method: Luminex - cont.											
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***		
29 typing Labs			29 typing Labs			29 typing Labs			29 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
Cw2	21%	100%	B62	90%	100%	B41	43%	100%	B60	89%	100%
A6601	17%	100%	B63	90%	100%	B8	36%	100%	B64	89%	100%
B8101	17%	100%	B65	90%	100%	Bw4	31%	100%	B76	89%	100%
			B72	90%	100%	A2403	21%	100%	A66	89%	92%
			B77	90%	100%	B2708	21%	100%	B61	86%	100%
			B57	90%	80%	B82	21%	100%	A69	79%	100%
			B75	90%	70%	B7801	18%	100%	A11	79%	78%
			A11	86%	100%				B65	75%	100%
			A23	86%	100%				B7	29%	100%
			A66	86%	100%				A6601	21%	100%
			B64	86%	100%				A6602	21%	100%
			B76	86%	100%				B54	21%	100%
			B27	72%	100%				B67	21%	100%
			B48	72%	100%				A80	18%	100%
			B78	72%	100%				B3901	18%	100%
			B50	72%	75%						
			Cw7	62%	100%						
			B73	59%	100%						
			Cw15	59%	100%						
			B44	55%	100%						
			B47	48%	100%						
			B82	45%	100%						
			A6601	24%	100%						
			A6602	24%	100%						
			A1101	21%	100%						
			A1102	21%	100%						
			A2403	21%	100%						
			B2708	21%	100%						

Table 35. Summary of the 555th Serum Exchange (Serum #1213-1216) by ELISA and Flow Cytometry - class I

Method: ELISA												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
A2	100%	100%	A1	100%	100%	A23	100%	100%	A25	100%	100%	
A33	100%	100%	A11	100%	100%	A24	100%	100%	A29	100%	100%	
A34	100%	100%	A25	100%	100%	A25	100%	100%	A32	100%	100%	
A68	100%	100%	A26	100%	100%	A32	100%	100%	B13	100%	100%	
A69	100%	100%	A29	100%	100%	B13	100%	100%	B18	100%	100%	
B13	100%	100%	A3	100%	100%	B18	100%	100%	B35	100%	100%	
B27	100%	100%	A30	100%	100%	B35	100%	100%	B37	100%	100%	
B41	100%	100%	A31	100%	100%	B37	100%	100%	B38	100%	100%	
B44	100%	100%	A32	100%	100%	B38	100%	100%	B39	100%	100%	
B45	100%	100%	A33	100%	100%	B44	100%	100%	B41	100%	100%	
B47	100%	100%	A34	100%	100%	B45	100%	100%	B44	100%	100%	
B48	100%	100%	A36	100%	100%	B46	100%	100%	B45	100%	100%	
B49	100%	100%	A66	100%	100%	B47	100%	100%	B47	100%	100%	
B50	100%	100%	A68	100%	100%	B49	100%	100%	B48	100%	100%	
B57	100%	100%	A69	100%	100%	B50	100%	100%	B49	100%	100%	
B58	100%	100%	A74	100%	100%	B51	100%	100%	B50	100%	100%	
B60	100%	100%	A80	100%	100%	B52	100%	100%	B51	100%	100%	
B61	100%	100%	B18	100%	100%	B53	100%	100%	B52	100%	100%	
B7	100%	100%	B35	100%	100%	B54	100%	100%	B53	100%	100%	
B81	100%	100%	B37	100%	100%	B55	100%	100%	B59	100%	100%	
A1	50%	100%	B38	100%	100%	B56	100%	100%	B60	100%	100%	
B62	50%	100%	B39	100%	100%	B57	100%	100%	B61	100%	100%	
B72	50%	100%	B41	100%	100%	B58	100%	100%	B62	100%	100%	
A32	50%	50%	B42	100%	100%	B59	100%	100%	B72	100%	100%	
			B51	100%	100%	B62	100%	100%	B75	100%	100%	
			B52	100%	100%	B63	100%	100%	B78	100%	100%	
			B53	100%	100%	B71	100%	100%	B8	100%	100%	
			B54	100%	100%	B72	100%	100%	A26	50%	100%	

Method: Flow Cytometry												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
no antigens assigned			no antigens assigned			no antigens assigned			no antigens assigned			

Table 36. Summary of the 555th Serum Exchange (Serum #1213-1216) by various methods- class II

Method: NIH-Extended												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
undefined			undefined			undefined			undefined			
Method: C1q												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
no antigens assigned			no antigens assigned			no antigens assigned			no consensus			
Method: Flow cytometry												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
no antigens assigned			no consensus			no antigens assigned			no antigens assigned			
Method: Other												
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***			
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
DR4	50%	100%	Negative	100%	100%	DQ6	50%	100%	DR2	50%	100%	
						DR13	50%	100%	DR7	50%	100%	
									DR9	50%	100%	

Table 37. Summary of the 555th Serum Exchange (Serum #1213-1216) by Luminex - class II

Method: Luminex											
*** Serum 1213 ***			*** Serum 1214 ***			*** Serum 1215 ***			*** Serum 1216 ***		
24 typing Labs			17 typing Labs			24 typing Labs			24 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR4	96%	100%	Negative	100%	100%	DR13	96%	83%	DR7	96%	100%
DR9	21%	100%				DQ6	96%	67%	DR9	96%	100%
DP11	21%	50%				DR12	83%	60%	DQ2	96%	47%
DR7	13%	100%				DQ9	67%	50%	DR11	92%	75%
DQ5	8%	100%				DQ8	62%	33%	DP28	88%	78%
DR53	8%	100%				DR4	54%	20%	DPw3	88%	67%
DQA1*01	4%	100%				DQA1*01	25%	100%	DP18	88%	56%
						DQA1*03	25%	100%	DPw2	83%	100%
						DR103	25%	100%	DP14	79%	100%
						DQ1	4%	100%	DP17	79%	100%
						DQ3	4%	100%	DP10	67%	100%
						DR1	4%	100%	DP20	67%	100%
						DR10	4%	100%	DP9	67%	100%
						DR14	4%	100%	DPw6	67%	100%
						DR15	4%	100%	DR52	63%	33%
						DR16	4%	100%	DPw4	58%	50%
						DR18	4%	100%	DR12	46%	100%
						DR7	4%	100%	DP402	38%	100%
									DQA1*02	33%	100%
									DPA1*01	17%	50%
									DPA1*04	13%	67%
									DQA1*05	13%	20%
									DR10	8%	100%
									DR13	8%	100%
									DPA1*02	8%	33%
									DP19	4%	100%
									DPA1*03	4%	100%
									DPA1*05	4%	100%
									DQ1	4%	100%
									DQ4	4%	100%
									DQ5	4%	100%
									DQ6	4%	100%
									DQA1*03	4%	100%
									DQA1*04	4%	100%
									DR1	4%	100%

Table 38. Individual laboratory results for Serum #1213-1216 by NIH-Standard and NIH-Extended - class I

Investigator	**** Serum 1213 ****				**** Serum 1214 ****				**** Serum 1215 ****						**** Serum 1216 ****			Method				
	% POS	B44	B45	Other	% POS	A11	B39	A3	Other	% POS	B57	B49							Other	% POS	B13	Other
Claas, F.H.J.	33	+	+		29	+			A25,A26	46	+	+						B44,B51,B52,A25 >	8	+		STD
Fort, Marylise	12	+	+		30	+	+		B38	NT									NT			STD
Thornton, Alycia	23	+	+		21	+	+	+	A66	19	+							A2,A33,A28	4	+		STD
Vasilescu, Rodica	30	+	+	A2	10	+			A1	40	+	+						B27	5	+		STD
Watson, Narelle	37	+		B50	23	+		+		34								BW4	9	+		STD

Investigator	**** Serum 1213 ****				**** Serum 1214 ****				**** Serum 1215 ****								**** Serum 1216 ****			Method				
	% POS	B44	B45	A2	Other	% POS	A11	A66	B38	B39	Other	% POS	A32	B49	B51	B53	B57	B58	A25		Other	% POS	B13	Other
Lardy, N.M.	60	+	+	+	B60,B49,B50,B61	63	+	+	+	+	A36,A24,A28	65	+	+	+	+	+	+	+	A24,B13,B44,B27 >	7	+		EXT
Reed, Elaine F. PhD	49	+	+	+	A34,A68	30	+	+	+	+		47	+	+	+	+	+	+		B52,B72	8	+		EXT

Table 39. Individual laboratory results for Serum #1213-1216 by Antiglobulin, C1q, and Other - class I

Investigator	**** Serum 1213 ****											**** Serum 1214 ****							**** Serum 1215 ****						**** Serum 1216 ****							
	% POS	B44	B45	B61	A2	B13	B49	B50	B60	A28	Other	% POS	A11	A1	A28	A3	A68	B38	Other	% POS	A24	A23	A25	A32	Bw4	Other	% POS	B13	A32	Other	Method	
Cecka, J. Michael P	72	+	+	+	+	+	+	+	+	+	B47,B7>	92	+	+	+	+	+		A66,B51>	78	+	+	+	+	+		B62,B18>	15	+	+	B44,B41	AHG
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+			+	+	+	+	+		Bw6		+	+	+	+	+		B50		+	+	A24,B60>	AHG
Vasilescu, Rodica	25	+	+	+	+				+			36	+	+			+	+	B39	60	+					B49,B27>	7	+			AHG	

Investigator	**** Serum 1213 ****										**** Serum 1214 ****										**** Serum 1215 ****							**** Serum 1216 ****					
	% POS	A2	A68	A69	B13	B41	B44	B45	B47	Other	% POS	A1	A11	A24	A25	A26	A29	A3	A30	Other	% POS	A23	A24	A25	A32	B13	B27	B37	Other	% POS	B13	Other	Method
Liu, Chang MD, PhD		+	+	+	+	+	+	+	+	B60,B61>		+	+	+	+	+	+	+	+	A66,B51>		+	+	+	+	+	+	+	B49,B27>		+		C1q

Investigator	**** Serum 1213 ****										**** Serum 1214 ****										**** Serum 1215 ****						**** Serum 1216 ****					
	% POS	B13	B44	B45	B49	B50				% POS	% POS									% POS	% POS	A23	A24	A25	A32	Bw4	Other	% POS	B13	B18	Other	Method
Liu, Chang MD, PhD	84									98										96								96				LMX-PRA
McCluskey, James	33									50										50								3				CDC-PRA
Reed, Elaine F. PhD	74	+	+	+	+	+				U										98	+	+	+	+	+			44	+	+	B41,B60>	LMX-PRA

U = undefined

Table 40. Individual laboratory results for Serum #1213 by Luminex - class I

		**** Serum 1213 ****																																																			
Investigator	% POS	A2	A33	A34	A68	A69	B13	B41	B44	B45	B47	B49	B50	B7	B27	B57	B58	B60	B61	B76	B82	A1	B81	A66	B73	B48	B62	B72	A25	A26	A31	A6602	A29	B2708	B52	A203	A74	Cw2	Other	Method													
Abu Amin, Noryati	Multi	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		+		+		+					+													B53,B55,B63,B77 >	LMX									
Al-Attas, Rabab A. M	Multi	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+			+														Cw1,Cw12,Cw15	LMX							
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+							+													B8101,B8201	LMX						
Bengochea, Carrette	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	+	+	+	+																				B40,B15	LMX						
Cecka, J. Michael P	76	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+																						LMX					
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B8101,A6601,B8201	LMX					
Daniel, Dolly	20	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+																							B40,B703,A28,B12 >	LMX			
Danish, Adel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+																							LMX			
Du, Keming	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX				
Dunckley, Heather	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A6601	LMX			
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A6601	LMX		
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX			
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX			
Hamdi, Nuha	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX			
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A24,B42,B8,A2403	LMX	
Juarez, Fabiola	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX			
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
Liu, Chang MD, PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
McCluskey, James		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
Pancoska, Carol Ph	57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
Permpikul, Vejbaesy	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX			
Pule, Ziningi	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX			
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
Sacchi, Nicoletta		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
V.Brouard, M.Tonye	82	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX

Table 41. Individual laboratory results for Serum #1214 by Luminex (part 1) - class I

		**** Serum 1214 ****																																																				
Investigator	% POS	A25	A26	A29	A32	A33	A69	A74	B18	B35	B37	B55	B8	A1	A24	A3	A30	A31	A34	A36	A43	A68	A80	B38	B41	B49	B54	B67	B39	B42	B51	B52	B53	B56	B59	B71	B58	B62	B63	B65	B72	B77	B57	B75	A11									
Abu Amin, Noryati	Multi	+	+	+	+	+	+	+	+	+	+	+	+						+			+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
Al-Attas, Rabab A. M	Multi	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Bengochea, Carrette	59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Cecka, J. Michael P	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Daniel, Dolly	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Danish, Adel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Du, Keming	57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Dunckley, Heather	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Hamdi, Nuha	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Juarez, Fabiola	63	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Liu, Chang MD, PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
McCluskey, James		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pancoska, Carol Ph	75	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Permpikul, Vejbaesy	72	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pule, Ziningi	39	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sacchi, Nicoletta		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
V.Brouard, M.Tonye	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Table 42. Individual laboratory results for Serum #1214 by Luminex (part 2) - class I

		**** Serum 1214 ****																							
Investigator	% POS	A23	A66	B64	B76	B27	B48	B78	B50	Cw7	B73	Cw15	B44	B47	B82	A6601	A6602	A1101	A1102	A2403	B2708	Other	Method		
Abu Amin, Noryati	Multi		+	+		+	+	+			+		+	+									B60,B61,B13,B7 >	LMX	
Al-Attas, Rabab A. M	Multi	+	+	+	+	+	+	+	+	+	+	+	+										B*44:02	LMX	
Arnold, Paula PhD		+	+	+	+	+	+	+								+	+	+	+	+	+		B7801,B3901	LMX	
Bengochea, Carrette	59	+	+					+	+														B15,B14	LMX	
Cecka, J. Michael P	98		+	+	+		+	+	+																LMX
Chen, Dong-Feng P		+		+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+		B7801,B8201	LMX	
Daniel, Dolly	32		+		+											+	+	+	+	+			A10,A19,A28,B8C >	LMX	
Danish, Adel		+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX
Du, Keming	57	+	+	+																					LMX
Dunckley, Heather	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B13	LMX	
Eckels/CPMC,		+	+	+	+	+	+	+	+				+	+	+	+	+					+			LMX
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+								B13	LMX	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX
Hamdi, Nuha	98	+	+	+	+	+	+	+	+	+	+	+		+	+										LMX
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+								B13,B45	LMX	
Juarez, Fabiola	63	+	+	+	+	+			+	+															LMX
Lardy, N.M.		+	+	+	+																				LMX
Liu, Chang MD, PhD		+	+	+	+	+	+	+	+	+		+	+		+										LMX
McCluskey, James		+	+	+	+	+	+	+	+	+	+	+	+	+	+								B45,B*13:02,C*03:02	LMX	
Pancoska, Carol Ph	75	+	+	+	+	+	+	+	+	+	+	+	+		+										LMX
Permpikul, Vejbaesy	72	+	+	+	+	+	+	+	+	+	+	+		+											LMX
Pule, Ziningi	39		+																				B15,B14,Bw4,Bw6	LMX	
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+		+	+										LMX
Sacchi, Nicoletta		+	+	+	+																				LMX
Thornton, Alycia		+	+	+	+			+																	LMX
V.Brouard, M.Tonye	98	+			+	+	+		+	+	+	+	+	+		+	+	+	+	+	+		B14,B7801,B8201,B3901	LMX	
Vasilescu, Rodica		+		+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+		B8201	LMX	
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+								B13,B45,Cw10	LMX	
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+		+										LMX

Table 44. Individual laboratory results for Serum #1216 by Luminex - class I

**** Serum 1216 ****																																																	
Investigator	% POS	A32	A74	B13	B18	B35	B37	B38	B41	B44	B45	B49	B50	B53	B8	A34	A25	A3	A33	B59	A29	A26	A30	A43	A68	B47	B51	B52	B62	B71	B72	B77	B78	B75	A31	B39	B48	B60	B64	B76	A66	Other							
Abu Amin, Noryati	Multi	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2,B61,B27,B82 >				
Al-Attas, Rabab A. I	Multi	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,A80 >			
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,A69,B65,B7801 >			
Bengochea, Carrette	54	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B40,B15,B7 >			
Cecka, J. Michael P	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B65			
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,A69,B65,B7801 >			
Daniel, Dolly		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B70,A10,B21 >			
Danish, Adel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,B65			
Du, Keming	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,B65			
Dunckley, Heather	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B54,A69 >		
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,B65 >	
Fort, Marylise	NT																																																
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,B65	
Hamdi, Nuha	95%	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,B65	
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B82,B54 >	
Juarez, Fabiola	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B65	
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B7	
Liu, Chang MD, PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,B65	
McCluskey, James		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B82,B7 >
Pancoska, Carol Ph	70	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B67,A69 >	
Permpikul, Vejbaes	73	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,A11,A24,B61 >	
Pule, Ziningi	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B15,B7,A69 >		
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A69,B65	
Sacchi, Nicoletta		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61	
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B7,A69	
V.Brouard, M.Tonye	94	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B54,A69,B14 >		
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,A69,B65,A1101 >	
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B67,A69 >	
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,B82,B7 >

Table 45. Individual laboratory results for Serum #1213 - #1216 by ELISA and Flow Cytometry - class I

		**** Serum 1213 ****																															
Investigator	% POS	A2	A33	A34	A68	A69	B13	B27	B41	B44	B45	B47	B48	B49	B50	B57	B58	B60	B61	B7	B81											Other	Method
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+											A32	Elisa
Juarez, Fabiola	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+											B62,A1,B72	Elisa
Eckels/CPMC,	94																																FC

		**** Serum 1214 ****																																							
Investigator	% POS	A1	A11	A25	A26	A29	A3	A30	A31	A32	A33	A34	A36	A66	A68	A69	A74	A80	B18	B35	B37	B38	B39	B41	B42	B51	B52	B63	B54	B55	B59	B63	B64	B65	B67	B71	B75	B8	Other	Method	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B48,B49>	Elisa
Juarez, Fabiola	61	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B57	Elisa
Eckels/CPMC,	99																																								FC

		**** Serum 1215 ****																																						
Investigator	% POS	A23	A24	A25	A32	B13	B18	B35	B37	B38	B44	B45	B46	B47	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B62	B63	B71	B72	B75	B78	B27	Other	Method						
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	BW4	Elisa
Juarez, Fabiola	68	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B67,B64,B65,B39	Elisa
Eckels/CPMC,	86																																							FC

		**** Serum 1216 ****																																						
Investigator	% POS	A25	A29	A32	B13	B18	B35	B37	B38	B39	B41	B44	B45	B47	B48	B49	B50	B51	B52	B53	B59	B60	B61	B62	B72	B75	B78	B8	Other	Method										
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Elisa
Juarez, Fabiola	68	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A66,B54,A26>	Elisa
Eckels/CPMC,	99																																							FC

FC = Flow cytometry

Table 46. Individual laboratory results for Serum #1213 - #1216 by various methods - class II

	**** Serum 1213 ****			**** Serum 1214 ****			**** Serum 1215 ****			**** Serum 1216 ****				
Investigator	% POS		Other	% POS		Other	% POS		Other	% POS	DR7		Other	Method
Reed, Elaine F. PhD	U			U			U			U				Ext
Liu, Chang MD, PhD											+			C1q
Eckels/CPMC	11			0			24			96				FC

U = undefined

	**** Serum 1213 ****			**** Serum 1214 ****			**** Serum 1215 ****			**** Serum 1216 ****						
Investigator	% POS	DR4	Other	% POS		Other	% POS	DQ6	DR13	Other	% POS	DQ2	DR7	DR9	Other	Method
Liu, Chang MD, PhD	17			0			20				77					LMX-PRA
Reed, Elaine F. PhD	13	+		0			27	+	+		43	+	+	+		LMX-PRA

Table 47. Individual laboratory results for Serum #1213 - #1215 by Luminex - class II

Investigator	**** Serum 1213 ****						**** Serum 1214 ****			**** Serum 1215 ****										Method	
	% POS	DR4	DR9	DP11	DR7	Other	% POS		Other	% POS	DR13	DQ6	DR12	DQ9	DQ8	DR4	DQA1*01	DQA1*03	DR103		Other
Abu Amin, Noryati	Multi	+					0			Multi	+	+	+	+	+				+	DR1,DR7,DR10,DR14 >	LMX
Al-Attas, Rabab A. M	Multi	+					0			Multi	+	+	+	+	+	+				DRB1*12:01,DRB1*04:02	LMX
Arnold, Paula PhD		+					0				+	+	+							DRB1*12:01,DQA1*03:02	LMX
Bengochea, Carrette	0						0			0											LMX
Chen, Dong-Feng P		+									+	+	+	+	+				+	DRB4*04:02	LMX
Daniel, Dolly	1	+	+		+		1			1	+	+	+			+	+			DRB1*04:02,DQB1*06:02, DQB1*06:03,DQB1*06:04	LMX
Danish, Adel		+		+			0				+	+	+	+	+						LMX
Du, Keming	6	+		+						12	+	+	+	+	+	+					LMX
Dunckley, Heather	34	+					0			79	+	+	+	+	+	+	+	+			LMX
Eckels/CPMC,		+									+	+	+	+	+	+					LMX
Hahn, Amy B. PhD		+									+	+		+	+						LMX
Hamdi, Nuha	17	+		+			0			20	+	+	+	+	+	+					LMX
Holdsworth, Rhonda		+					0				+	+	+	+	+	+			+	DRB1*12:01,DRB1*04:02	LMX
Liu, Chang MD, PhD		+									+	+	+					+			LMX
McCluskey, James		+					0				+	+		+	+				+	DRB1*12:01,DRB1*04:02, DQA1*01:03,DQA1*03:02	LMX
Pancoska, Carol Ph	7	+					0			18	+	+	+	+	+	+					LMX
Permpikul, Vejbaesy	8	+		+						11	+	+	+				+	+			LMX
Pule, Ziningi	9	+	+		+		0			17	+	+	+			+				DQ1,DQ3	LMX
Reed, Elaine F. PhD		+					0				+	+		+	+					DRB1*12:01	LMX
Sacchi, Nicoletta		+					0				+	+	+								LMX
Thornton, Alycia		+	+		+		0				+	+	+			+					LMX
V.Brouard, M.Tonye	17	+					0			17	+	+	+	+		+	+	+			LMX
Vather/JHB,		+	+	+		DR53,DQ5,DQA1*01					+	+	+	+	+	+	+	+	+		LMX
Vather/Pinetown,		+	+			DR53,DQ5	0				+	+	+	+	+	+	+	+	+		LMX

Table 48. Individual laboratory results for Serum #1216 by ELISA and Luminex - class II

**** Serum 1216 ****																										
Investigator	% POS	DR7	DR9	DQ2	DR11	DP28	DPw3	DP18	DPw2	DP14	DP17	DP10	DP20	DP9	DPw6	DR52	DPw4	DR12	DP402	DQA1*02	DPA1*01	DPA1*04	DQA1*05	Other	Method	
Abu Amin, Noryati	Multi	+	+	+	+														+							LMX
Al-Attas, Rabab A. M	Multi	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+					LMX
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			+					DPB1*04:02	LMX
Bengochea, Carretto	28	+	+	+	+	+	+	+	+	+	+								+	+		+				LMX
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+					LMX
Daniel, Dolly	9	+	+	+	+	+	+	+	+	+	+														DPA1*01:03,DPB1*04:02	LMX
Danish, Adel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX
Du, Keming	11	+	+	+		+	+	+	+													+	+	+	DPA1*02	LMX
Dunckley, Heather	88	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							DPA1*05	LMX
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+						LMX
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+									LMX
Hamdi, Nuha	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DRB3*03:01,DRB3*02:02	LMX
Liu, Chang MD, PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+									LMX
McCluskey, James		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+					DR10,DPA1*02,DQA1*05:01	LMX
Pancoska, Carol Ph	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX
Permpikul, Vejbaesy																										LMX
Pule, Ziningi	29	+	+	+	+														+						DR13,DQ1	LMX
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+					LMX
Sacchi, Nicoletta		+	+	+	+	+	+	+	+				+				+									LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+						+	+								LMX
V.Brouard, M.Tonye	46	+	+	+	+	+	+			+	+	+		+	+	+			+	+	+	+			DR1,DR4,DR8,DR13 >	LMX
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	DR10,DQA1*04	LMX
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX