

SERUM EXCHANGE #550

MAY 16, 2016

Sera	1193-1196
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The results for **Serum Exchange 550 (sera 1193 - 1196)**, are summarized in Tables 16 - 21 and individual laboratory results by method are listed

in Tables 22 - 31. Sera positive to B12 (B44, B45) and B5 (B51, B52) were examined in this exchange.

1193	method	#labs	NEG	B45	B44	Bw6	B56	B7	B8	B50	B18	B35	B41	B42	B54	B55	B67	B60	B61	B48	B71	B72	B62	B75	B64	B65	B39	B78	B7801	B81	B27	A31	A33	B76	B82	B52	B49	B2708	Bw6	B8101	B73	Cw1		
class I	NIH-Std	6	67	17	17																																							
	NIH-Ext	2		100																																								
	AHG	2		50	50	50																																						
	Luminex	28		93	96		96	96	96	96	93	93	93	93	93	93	93	89	86	86	86	86	86	86	79	79	75	75	21	76	54	7	10	86	79	76	65	50	32	29	21	21		
	Flow	1	no antigens assigned																																									
	ELISA	2		50	100	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	100	50												
	C1q	1	no consensus																																									
	Other	2		50	50	50																																						

1193	method	#labs	NEG			
class II	Luminex	13	100			
	Flow	1	no consensus			
	C1q	1	no antigens assigned			
	Other	2	50			

Serum 1193 was reported as strongly positive to B45 by all methods, except NIH-standard. Only 1 of 4 NIH-standard labs reported anti-B45 reactivity, the remaining 3 reported this sample as negative for class I. Anti-B44 reactivity was reported by Anti-globulin, PRA, Luminex, ELISA, and 1 NIH-standard lab. In addition, Luminex and Anti-globulin reported reactivity to a number of 5C and 7C specificities, along with anti-B39, -B64, -B65, and -B78 reactivity. This serum was reported as negative for class II.

1194	method	#labs	B45	B44	B49	B50	B60	B61	B13	B47	B52	B51	B62	B57	B7	B82	B41	B53	B38	B37	A23	A1	A3	A24	B35	B72	B59	B75	B71	B18	B46	B78	B48	B58	B63	B8	B42	B76	B77	B39	B56	B64		
class I	NIH-Std	6	33	67	17	17									17																													
	NIH-Ext	2	100	100	50	50																																						
	AHG	2	100	100	50	50					50	50	50	50	50							50	50																					
	Luminex	29	97	97	97	100	90	86	100	97	90	86	86	79	3	83	100	93	93	90	90	93	3	69	90	86	83	83	79	79	76	76	69	59	52	34		83	83	41	31	31		
	Flow	1																																										
	ELISA	2	100	100	100	100	100	100	100	100	50	50	100	50			100	100	50	100	50			50	100	100	100	100	50	100	50	100	50	50	100	50								
	C1q	1	no consensus																																									
	Other	2	50	50	50	50	50	50	50	50					50																													

1194	method	#labs	DR4	DQ7	DQ8	DQ9	DR51	DR53	DR15	DR16	DQ4	DQ3
class II	Luminex	24	100	88	88	83	67	58	17	17	17	4
	Flow	1	no consensus									
	C1q	1	no antigens assigned									
	Other	2	50	50	50	50						

For **Serum 1194**, strong B12 (B44, B45) reactivity was reported by all methods. Reactivity to B49 and B50 was also reported by all methods, except C1q. In addition, Luminex and ELISA reported reactivity to a number of 5C and 7C specificities. For class II, anti-DR4 and -DQ3 (DQ7, DQ8, DQ9) reactivity was reported by Luminex and PRA. A number of Luminex labs (n=5) also reported allele level reactivity to DQA1*03.

1195	method	#labs	B51	B52	B8	B39	A30	A31	A33	A68	A29	A32	A34	B18	B35	B53	B59	B55	B7	B38	B42	B49	B78	B61	B37	B41	B67	A3	A74	A36	A69	B54	B13	B63				
class I	NIH-Std	5	60	40														20	20																			
	NIH-Ext	2	100	100																																		
	AHG	2	100	100	50	50													50	50	50	50	50	50			50											
	Luminex	28	96	93	100	85	100	100	100	100	96	96	96	96	96	96	96	96	32	96	96	93	71	57	96	96	96		96	93	89	93	86	86				
	Flow	1	no antigens assigned																																			
	ELISA	2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		100	100	50	100	50	100	100	100	100	100	50	100	50	100	50	100			
	C1q	1	no consensus																																			
	Other	2	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50																					
1195	method	#labs	B64	B65	B57	B58	B45	B44	A1	B50	B60	Cw12	Cw14	Cw8	Cw1	Cw16	Cw18	Cw6	Cw15	Cw4	Cw7	Cw5	B75	B77	B82	A24	B76	B71	B56	A66	A2403	A25	B7801	A6602	B3901	B81		
	AHG	2							50	50	50																											
	Luminex	28	86	86	86	79	46	43	3			96	96	96	96	93	93	93	89	89	89	86	86	86	64	64	57	54	50	43	39	32	29	25	21	21		
	ELISA	2	100	100	50	50	50	50																														

1195	method	#labs	NEG	DR10	DR18	DQ9	DQ2	
class II	Luminex	16	81	25	25	6	6	
	Flow	1	no consensus					
	C1q	1	no antigens assigned					
	Other	2	50					

Serum 1195 was strongly positive to B51 and B52 by all methods. B8 and B39 reactivity was reported by various methods. Additional reactivity to a number of 1C, 5C, and 10C specificities was reported by Luminex, ELISA, and PRA. C-locus reactivity was also reported by Luminex. For class II, a number of Luminex labs (n=12), 1 PRA, and 1 Flow lab reported this sample as negative for class II. However, a few (n=4) Luminex labs detected weak anti-DR10 and -DR18 reactivity.

1196	method	#labs	B35	B51	B52	B53	B75	B49	B50	B78	A23	A24	A2403	A25	A26	A32	A80	B27	B2708	B46	B56	B57	B18	B37	B38	B45	B44	B54	B55	B58	B59	A68	A29	B62	B63	B71	B72	B13	B47	B48	B8	B65				
class I	NIH-Std	5	60	40	40	20	20											20																												
	NIH-Ext	2	100	100	50	100	50																																							
	AHG	2	100	100	100	100		50	50	50	50	50		50	50	50	50			50	50																									
	Luminex	28	100	96	96	96	89	96	96	79	100	100	39	96	89	96	89	96	29	86	96	96	96	96	96	96	96	96	96	96	96	96	89	89	89	89	89	89	86	79	79	79	64			
	Flow	1	no antigens assigned																																											
	ELISA	2	100	100	100	100	100	100	100	100	100		100	50	100	50	100			100	100	100	100	100	100	100	100	100	100	100	100	50	50	100	100	100	100	100	50	100	50	50				
	C1q	1	no consensus																																											
	Other	2	50	50		50	50	50	50																				50																	
1196	method	#labs	A30	A34	A66	A6601	A6602	A3	A11	A1101	A1102	A36	B61	B60	B41	B7	A33	A31	A74	A43	B77	B76	B39	B67	B64	Cw1	Cw5	Cw12	Cw18	Cw15	Cw8	Cw14	Cw16	Cw6	Cw7	B82	Cw4	Cw2	B42	B7801	Bw4					
	NIH-Std	5				50		50	50			50	50	50	50	20																														
	AHG	2				50		50	50			50	50	50	50																															
	Luminex	28	64	86	64	39	25	71	61	25	25	50	29				93	75	50	64	89	86	79	75	64	57	47	47	47	42	42	39	39	39	35	32	32	29	25	25	25					
	ELISA	2	50	50	50																																									
	Other	2																																												

1196	method	#labs	DR15	DR16	DR9	DR1	DR103	DR51	DR4	DQ6	DQ5	DR14
class II	Luminex	22	100	100	100	100	91	91	73	73	41	41
	Flow	1	no consensus									
	C1q	1	no antigens assigned									
	Other	2	50	50								

For **Serum 1196**, anti-B35 and –B51 reactivity was reported by all methods. Additional strong reactivity to B51, B52, and B53 was reported by various methods. Reactivity to a number of other 5C specificities, along with reactivity to 1C, 7C, and 10C specificities was also detected by various methods. In addition, Luminex reported reactivity to a number of C-locus antigens. Anti-DR15 and -DR16 reactivity was reported by Luminex and PRA. Strong reactivity to DR9, DR1, DR103, and DR51 was also reported by Luminex. In addition, a number of Luminex labs (n=5) reported allele level reactivity to DRB1*14:02, DRB1*04:01/*04:04/*04:05 and DQB1*06:02/*06:03.

NEXT MAILING DATE: AUGUST 3, 2016

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Table 16. Summary of the 550th Serum Exchange (Serum #1193-1196) by NIH-Standard and NIH-Extended - class I

Method: NIH-Standard											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
6 typing Labs			6 typing Labs			5 typing Labs			5 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NEG	67%	100%	B44	67%	100%	B51	60%	86%	B35	60%	87%
B44	17%	100%	B45	33%	100%	B52	40%	100%	B51	40%	100%
B45	17%	100%	B49	17%	100%	B55	20%	100%	B52	40%	100%
			B50	17%	100%	B7	20%	100%	B53	20%	100%
			B7	17%	100%				B75	20%	100%
									B7	20%	78%
									B27	20%	33%

Method: NIH-Extended											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B45	100%	100%	B44	100%	100%	B51	100%	100%	B35	100%	100%
			B45	100%	100%	B52	50%	100%	B51	100%	100%
			B49	50%	50%				B53	100%	100%
			B50	50%	50%				B52	50%	100%
									B75	50%	100%

Table 17. Summary of the 550th Serum Exchange (Serum #1193-1196) by Antiglobulin and C1q - class I

Method: Antiglobulin												
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***			
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	50%	100%	B44	100%	100%	B51	100%	100%	B35	100%	100%	
B45	50%	100%	B45	100%	100%	B52	100%	100%	B51	100%	100%	
BW6	50%	72%	B42	50%	100%	A1	50%	100%	B52	100%	100%	
			B49	50%	100%	A3	50%	100%	B53	100%	100%	
			B50	50%	100%	B38	50%	100%	A1	50%	100%	
			B57	50%	100%	B39	50%	100%	A23	50%	100%	
			B60	50%	100%	B42	50%	100%	A24	50%	100%	
			B61	50%	100%	B49	50%	100%	A25	50%	100%	
			B62	50%	100%	B50	50%	100%	A36	50%	100%	
			B7	50%	100%	B61	50%	100%	A80	50%	100%	
			A1	50%	91%	B7	50%	100%	B41	50%	100%	
			B51	50%	89%	B78	50%	100%	B46	50%	100%	
			A3	50%	88%	B8	50%	75%	B60	50%	100%	
			B52	50%	50%	B60	50%	50%	B61	50%	100%	
									B78	50%	100%	
									A3	50%	88%	
									A11	50%	82%	
									B49	50%	75%	
									B50	50%	75%	
									A32	50%	67%	
									B56	50%	50%	
									A26	50%	33%	
									A6601	50%	0%	

Method: C1q												
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***			
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 consensus			no consensus			no consensus			no consensus	

Table 18. Summary of the 550th Serum Exchange (Serum #1193-1196) by Other- class I

Method: Other											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
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	50%	100%	B13	50%	100%	A29	50%	100%	B18	50%	100%
B45	50%	100%	B41	50%	100%	A30	50%	100%	B35	50%	100%
BW6	50%	100%	B44	50%	100%	A31	50%	100%	B49	50%	100%
			B45	50%	100%	A32	50%	100%	B50	50%	100%
			B47	50%	100%	A33	50%	100%	B51	50%	100%
			B49	50%	100%	A34	50%	100%	B53	50%	100%
			B50	50%	100%	A68	50%	100%	B58	50%	100%
			B60	50%	100%	B18	50%	100%	B62	50%	100%
			B61	50%	100%	B35	50%	100%	B75	50%	100%
			B82	50%	100%	B39	50%	100%	B77	50%	100%
						B51	50%	100%	B78	50%	100%
						B52	50%	100%			
						B53	50%	100%			
						B59	50%	100%			
						B8	50%	100%			

Table 19. Summary of the 550th Serum Exchange (Serum #1193-1196) by Luminex- class I

Method: Luminex											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
28 typing Labs			29 typing Labs			28 typing Labs			28 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B44	96%	100%	B13	100%	100%	A3	100%	100%	A23	100%	100%
B50	96%	100%	B41	100%	100%	A30	100%	100%	A24	100%	100%
B56	96%	100%	B50	100%	100%	A31	100%	100%	B35	100%	100%
B7	96%	100%	B44	97%	100%	A33	100%	100%	A25	96%	100%
B8	96%	100%	B45	97%	100%	A68	100%	100%	A32	96%	100%
B18	93%	100%	B47	97%	100%	B8	100%	100%	B18	96%	100%
B35	93%	100%	B49	97%	100%	A29	96%	100%	B37	96%	100%
B41	93%	100%	A1	93%	86%	A32	96%	100%	B38	96%	100%
B42	93%	100%	B53	93%	86%	A34	96%	100%	B45	96%	100%
B45	93%	100%	B38	93%	71%	A74	96%	100%	B49	96%	100%
B54	93%	100%	B37	90%	100%	B18	96%	100%	B50	96%	100%
B55	93%	100%	B52	90%	100%	B35	96%	100%	B51	96%	100%
B67	93%	100%	B60	90%	100%	B37	96%	100%	B52	96%	100%
B60	89%	100%	A23	90%	88%	B38	96%	100%	B53	96%	100%
B48	86%	100%	B35	90%	75%	B41	96%	100%	B54	96%	100%
B61	86%	100%	B51	86%	100%	B42	96%	100%	B55	96%	100%
B62	86%	100%	B61	86%	100%	B51	96%	100%	B56	96%	100%
B71	86%	100%	B72	86%	100%	B53	96%	100%	B57	96%	100%
B72	86%	100%	B62	86%	86%	B55	96%	100%	B58	96%	100%
B75	86%	100%	B76	83%	100%	B59	96%	100%	B59	96%	100%
B76	86%	100%	B77	83%	100%	B67	96%	100%	A68	96%	85%
B64	79%	100%	B82	83%	100%	CW12	96%	100%	B27	96%	64%
B82	79%	100%	B59	83%	83%	CW14	96%	100%	A33	93%	100%
B65	79%	67%	B75	83%	80%	CW8	96%	100%	B44	93%	100%
B39	75%	100%	B71	79%	83%	CW1	96%	93%	A26	89%	100%
B78	75%	100%	B57	79%	62%	A36	93%	100%	A29	89%	100%
B81	76%	100%	B18	79%	50%	B49	93%	100%	A80	89%	100%
B52	76%	80%	B46	76%	100%	B52	93%	100%	B62	89%	100%
B49	64%	100%	B78	76%	100%	B54	93%	100%	B63	89%	100%
B27	54%	56%	B48	69%	67%	CW16	93%	100%	B71	89%	100%
B2708	50%	100%	A24	69%	50%	CW18	93%	100%	B72	89%	100%
BW6	32%	93%	B58	59%	100%	CW6	93%	85%	B75	89%	100%
B8101	29%	100%	B63	52%	100%	A69	89%	100%	B77	89%	100%
B73	21%	100%	B39	41%	100%	CW15	89%	100%	B76	86%	100%
B7801	21%	100%	B8	34%	100%	CW4	89%	100%	B46	86%	80%
CW1	21%	100%	B56	31%	100%	CW7	89%	100%	A34	86%	75%
			B64	31%	100%	B63	86%	100%	B13	86%	73%

Table 20. Summary of the 550th Serum Exchange (Serum #1193-1196) by Flow Cytometry and ELISA- class I

Method: Flow Cytometry											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
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		

Method: ELISA											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
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%	B13	100%	100%	A29	100%	100%	A23	100%	100%
A31	100%	75%	B35	100%	100%	A3	100%	100%	A24	100%	100%
A33	50%	100%	B37	100%	100%	A30	100%	100%	A25	100%	100%
B18	50%	100%	B41	100%	100%	A31	100%	100%	A32	100%	100%
B35	50%	100%	B44	100%	100%	A32	100%	100%	B13	100%	100%
B39	50%	100%	B45	100%	100%	A34	100%	100%	B18	100%	100%
B41	50%	100%	B47	100%	100%	A68	100%	100%	B35	100%	100%
B42	50%	100%	B49	100%	100%	A74	100%	100%	B37	100%	100%
B45	50%	100%	B50	100%	100%	B18	100%	100%	B38	100%	100%
B48	50%	100%	B53	100%	100%	B35	100%	100%	B44	100%	100%
B50	50%	100%	B59	100%	100%	B37	100%	100%	B45	100%	100%
B54	50%	100%	B60	100%	100%	B38	100%	100%	B46	100%	100%
B55	50%	100%	B61	100%	100%	B39	100%	100%	B48	100%	100%
B56	50%	100%	B62	100%	100%	B41	100%	100%	B49	100%	100%
B60	50%	100%	B63	100%	100%	B42	100%	100%	B50	100%	100%
B61	50%	100%	B72	100%	100%	B51	100%	100%	B51	100%	100%
B62	50%	100%	B75	100%	100%	B52	100%	100%	B52	100%	100%
B64	50%	100%	B78	100%	100%	B53	100%	100%	B53	100%	100%
B65	50%	100%	B18	100%	75%	B54	100%	100%	B54	100%	100%
B67	50%	100%	A23	50%	100%	B55	100%	100%	B55	100%	100%
B7	50%	100%	B38	50%	100%	B59	100%	100%	B56	100%	100%
B71	50%	100%	B46	50%	100%	B63	100%	100%	B57	100%	100%
B72	50%	100%	B48	50%	100%	B64	100%	100%	B58	100%	100%
B75	50%	100%	B51	50%	100%	B65	100%	100%	B59	100%	100%
B78	50%	100%	B52	50%	100%	B78	100%	100%	B62	100%	100%
B8	50%	100%	B57	50%	100%	B8	100%	100%	B63	100%	100%
B81	50%	100%	B58	50%	100%	A33	100%	75%	B71	100%	100%

Table 21. Summary of the 550th Serum Exchange (Serum #1193-1196) by Luminex, Other, Flow, and C1q- class II

Method: Luminex											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
13 typing Labs			24 typing Labs			16 typing Labs			22 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NEG	100%	100%	DR4	100%	100%	NEG	81%	100%	DR1	100%	100%
			DQ8	88%	86%	DR10	25%	100%	DR15	100%	100%
			DQ7	88%	63%	DR18	25%	100%	DR16	100%	100%
			DQ9	83%	44%	DQ9	6%	33%	DR9	100%	91%
			DR51	67%	100%	DQ2	6%	20%	DR51	91%	100%
			DR53	58%	100%				DR103	91%	80%
			DR15	17%	100%				DR4	73%	38%
			DR16	17%	100%				DQ6	73%	35%
			DQ4	17%	25%				DQ5	41%	100%
			DQ3	4%	100%				DR14	41%	100%

Method: Other											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NEG	50%	100%	DQ7	50%	100%	NEG	50%	100%	DR15	50%	100%
			DQ8	50%	100%				DR16	50%	100%
			DQ9	50%	100%						
			DR4	50%	100%						

Method: Flow Cytometry											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
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 antigens assigned			no consensus			no antigens assigned		

Method: C1q											
*** Serum 1193 ***			*** Serum 1194 ***			*** Serum 1195 ***			*** Serum 1196 ***		
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 antigens assigned			no antigens assigned			no antigens assigned			no consensus		

Table 22. Individual laboratory results for Serum #1193-1196 by NIH-Standard and NIH-Extended - class I

	**** Serum 1193 ****				**** Serum 1194 ****				**** Serum 1195 ****				**** Serum 1196 ****					
Investigator	% POS	B44	B45	Other	% POS	B44	B45	Other	% POS	B51	B52	Other	% POS	B35	B51	B52	Other	Method
Claas, F.H.J.	0				46	+	+	B49,B50	17	+	+		25	+	+	+		STD
Fort, Marylise	5				0					NT			NT					STD
McCluskey, Jame	0				40	+			13				13				B75	STD
Thornton, Alycia	0				15			B7	20			B7,B55	14				B27,B7	STD
Vasilescu, Rodica	10	+	+		15	+	+		10	+	+		30	+	+	+	B53	STD
Watson, Narelle	0				17	+			6	+			18	+				STD

STD = NIH-Standard

	**** Serum 1193 ****				**** Serum 1194 ****				**** Serum 1195 ****				**** Serum 1196 ****					
Investigator	% POS	B45		Other	% POS	B44	B45	Other	% POS	B51	B52	Other	% POS	B35	B51	B53	Other	Method
Lardy, N.M.	11	+			35	+	+	B49,B50	16	+			27	+	+	+	B75	EXT
Reed, Elaine F. P	3	+			14	+	+		14	+	+		29	+	+	+	B52	EXT

EXT = NIH-Extended

Table 23. Individual laboratory results for Serum #1193-1196 by Antiglobulin and C1q - class I

	**** Serum 1193 ****					**** Serum 1194 ****						**** Serum 1195 ****						**** Serum 1196 ****																				
Investigator	% POS	B44	B45	BW6	Other	% POS	B44	B45	B42	B49	B50	Other	% POS	B51	B52	A1	A3	B38	B39	Other	% POS	B35	B51	B52	B53	A1	A23	A24									Other	Method
Hahn, Amy B. PhD				+			+	+	+	+	+	B60,B61>		+	+	+	+	+	+	B60,B61>		+	+	+	+	+	+	+									A11,B49 >	AHG
Vasilescu, Rodica	11	+	+			25	+	+					21	+	+					B78	58	+	+	+	+										B78	AHG		

AHG = Antiglobulin

	**** Serum 1193 ****					**** Serum 1194 ****						**** Serum 1195 ****						**** Serum 1196 ****																
Investigator	% POS	B45	B76	B82	Other	% POS	B44	B45	B76	B82	Other	% POS	B18	B51	B52	B59	B78	Other	% POS	A23	B35	B37	B49	B51	B52	B53	B71	B75	B77	B78	Other	Method		
Liu, Chang MD, Ph		+	+	+			+	+	+	+			+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	B71,B75	C1q

Table 24. Individual laboratory results for Serum #1193-1196 by Other - class I

Investigator	**** Serum 1193 ****							**** Serum 1194 ****							Method		
	% POS	B44	B45	BW6				Other	% POS	B13	B41	B44	B45	B47		B49	Other
Liu, Chang MD, Ph	85								82								Other
Reed, Elaine F. Ph	92	+	+	+					76	+	+	+	+	+	+	B60,B61,B50,B82	Other = LMX PRA

Investigator	**** Serum 1195 ****							**** Serum 1196 ****							Method		
	% POS	A29	A30	A31	A32	A33	A34	Other	% POS	B18	B35	B49	B50	B51		B53	Other
Liu, Chang MD, Ph	95								100								Other
Reed, Elaine F. Ph	98	+	+	+	+	+	+	B51,B52,B53,A68 >	96	+	+	+	+	+	+	B78,B62,B75,B77 >	Other = LMX PRA

Table 26. Individual laboratory results for Serum #1194 by Luminex - class I

		**** Serum 1194 ****																																						
Investigator	% POS	B13	B41	B50	B44	B45	B47	B49	A1	B53	B38	B37	B52	B60	A23	B35	B51	B61	B72	B62	B76	B77	B82	B59	B75	B71	B57	B18	B46	B78	B48	A24	B58	B63	B39	B8	Other	Method		
Abu Amin, Noryati	Multi	+	+	+					+					+	+																								B7,B54,A34,A29 >	LMX
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B7801,B8201,A*24:02	LMX
Bengochea, Carre	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B3901	LMX	
Cecka, J. Michael	75	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Chen, Dong-Feng		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B56,B64,B7801,B8201	LMX	
Daniel, Dolly	11	+	+	+	+	+	+	+																+														B40,B15,BW4,BW6 >	LMX	
Dunckley, Heather	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B56	LMX	
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Esteves Kondo, D	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B54,B56,B64	LMX	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Hamdi, Nuha	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Hod, Reut	70	+	+	+	+	+	+	+	+	+	+	+	+			+												+	+	+		+				+		CW4,A2,B40,B15 >	LMX	
Holdsworth, Rhon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B54,B56,B64	LMX	
Keming, Du	33	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Liu, Chang MD, PI		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Loewenthal , Ron	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B14,B7801,B3901	LMX	
McCluskey, Jame	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B54,B56,B64,B65	LMX	
Pancoska, Carol F	87	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Permpikul, Vejbae	39	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Pule, Ziningi	26	+	+	+	+	+	+	+		+	+	+			+	+								+				+		+		+						B40,B15,A1C	LMX	
Reed, Elaine F. PI	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
Rosen-Bronson, S	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B56,B64	LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
V.Brouard, M.Tony	44	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B7801,B8201	LMX	
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B56,B64,B7801,B8201 >	LMX
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B54,B56,B64,B65	LMX
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B56,B64	LMX

Table 27. Individual laboratory results for Serum #1195 by Luminex - class I

		**** Serum 1195 ****																																									
Investigator	% POS	A3	A30	A31	A33	A68	B8	A29	A32	A34	A74	B18	B35	B37	B38	B41	B42	B51	B53	B55	B59	B67	CW12	CW14	CW8	CW1	A36	B49	B52	B54	CW16	CW18	CW6	A69	CW15	CW4	CW7	Other	Method				
Abu Amin, Noryati	Multi	+	+	+	+	+	+																																	A11,A24,A2,A66 >	LMX		
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A*24:03,A24,B78,B13 >	LMX		
Bengochea, Carrett	59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW403,B13,B75,B64 >	LMX		
Cecka, J. Michael P	75	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B78,B13,B82 >	LMX	
Chen, Dong-Feng F		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,B13,B44,B75 >	LMX	
Daniel, Dolly	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,B14,BW4,BW6 >	LMX	
Dunckley, Heather	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,A66,B78 >	LMX	
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,B78,B13,B82 >	LMX	
Esteves Kondo, Del	57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,B78,B13,B82 >	LMX	
Fort, Marylise	NT																																									LMX	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,A66,B78 >	LMX
Hamdi, Nuha	89	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,B78,B13 >	LMX
Hod, Reut	92	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,A2,B40 >	LMX
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,B48,A66 >	LMX
Keming, Du	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B78,B13,B75 >	LMX
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B78,B14,B63 >	LMX
Liu, Chang MD, PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B78,B13,B82 >	LMX
Loewenthal , Ron M	65	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,B13,B44,B82 >	LMX
McCluskey, James	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,B48,A66 >	LMX
Pancoska, Carol Ph	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A66,B78,B13 >	LMX
Permpikul, Vejbaes	60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,B78,B13 >	LMX
Pule, Ziningi	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B15,A66,B78 >	LMX
Reed, Elaine F. PhD	67	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,A66,B78,B44 >	LMX
Rosen-Bronson, Sa	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,A66,B78 >	LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW403,A66,B78,B75 >	LMX
V.Brouard, M.Tonye	89	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,B13,B44,B75 >	LMX
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,B13,B44,B75 >	LMX
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,B48,A66 >	LMX
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B61,B48,A66 >	LMX

Table 28. Individual laboratory results for Serum #1196 by Luminex - class I

		**** Serum 1196 ****																																										
Investigator	% POS	A23	A24	B35	A25	A32	B18	B37	B38	B45	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	A68	B27	A33	B44	A26	A29	A80	B62	B63	B71	B72	B75	B77	B76	B46	A34	B13	Other	Method				
Abu Amin, Noryati	Multi	+	+	+																				+															A11,A2,A1,A30 >	LMX				
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B48,A66,B78,B*27:05 >	LMX			
Bengochea, Carre	73	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B61,B48,B47,B82 >	LMX			
Cecka, J. Michael	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B48,A66,B78,B47 >	LMX			
Chen, Dong-Feng		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B48,B47 >	LMX			
Daniel, Dolly	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,BW4,BW6,A2403 >	LMX			
Dunckley, Heather	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A11,B61 >	LMX			
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,B78,B47 >	LMX			
Esteves Kondo, D	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B48,A66,B78,B39	LMX			
Fort, Marylise	NT																																								LMX			
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,A66,B78 >	LMX			
Hamdi, Nuha	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,A66,B78 >	LMX		
Hod, Reut	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A11,A2 >	LMX		
Holdsworth, Rhon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A11,B61 >	LMX		
Keming, Du	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B39	LMX		
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B78,B39	LMX		
Liu, Chang MD, PI		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,A66,B78 >	LMX		
Loewenthal, Ron	79	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B61,B48 >	LMX		
McCluskey, James	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A11,B61 >	LMX	
Pancoska, Carol F	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,A66,B78 >	LMX		
Permpikul, Vejbae	59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,A66,B78 >	LMX		
Pule, Ziningi	59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B15,A66,B78 >	LMX		
Reed, Elaine F. PI	77	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,B78,B47 >	LMX		
Rosen-Bronson, S	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A11,B48,A66 >	LMX	
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A66,B78,B47 >	LMX		
V.Brouard, M.Tony	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B48,B47,B67 >	LMX	
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B48,B78 >	LMX	
Vather/JHB,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A11,B61 >	LMX
Vather/Pinetown,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A11,B61 >	LMX

Table 30. Individual laboratory results for Serum #1193-1196 by Luminex - class II

**** Serum 1193 ****				**** Serum 1194 ****										**** Serum 1195 ****				**** Serum 1196 ****														
Investigator	% POS		Other	% POS	DR4	DQ8	DQ7	DQ9	DR51	DR53	DR15	DR16	DQ4	Other	% POS	DR10	DR18	Other	% POS	DR1	DR15	DR16	DR9	DR51	DR103	DR4	DQ6	DQ5	DR14	Other	Method	
Abu Amin, Noryati	0			Multi	+	+									0				Multi	+	+	+	+			+	+			DR10	LMX	
Arnold, Paula PhD	0				+	+	+	+	+					DQA1*03:03	0					+	+	+	+	+	+	+	+	+	+	DRB1*14:02, DRB1*04:01, DRB1*04:04, DRB1*04:05, DQB1*05:01, DQB1*06:02, DQB1*06:03	LMX	
Bengochea, Carret				20	+	+	+	+	+	+									16	+	+	+	+	+		+	+				LMX	
Cecka, J. Michael I	0			20	+	+	+	+							0				54	+	+	+	+	+	+	+	+				LMX	
Chen, Dong-Feng I	0				+	+	+	+	+	+					0					+	+	+	+	+	+	+	+	+			LMX	
Daniel, Dolly	0				+										0				7	+	+	+	+	+							LMX	
Dunckley, Heather	0			86	+	+	+	+	+	+			+		0				78	+	+	+	+	+	+		+	+	+	DQ4	LMX	
Eckels/CPMC,					+	+	+	+	+	+				DQA1*03:03						+	+	+	+	+	+			+	+	DRB1*14:02, DRB1*04, DQB1*06	LMX	
Fort, Marylise					+	+	+	+	+	+			+							+	+	+	+	+	+						LMX	
Hahn, Amy B. PhD					+	+	+	+												+	+	+	+	+	+						LMX	
Hamdi, Nuha	0			23	+	+	+	+							0	+	+	DQ2,DQ9	60	+	+	+	+	+	+	+	+				LMX	
Holdsworth, Rhonc					+	+	+	+	+	+	+	+		DQA1*03		+	+			+	+	+	+	+	+	+	+	+	+	DRB1*14:02, DRB1*04:01, DRB1*04:04, DRB1*04:05, DQB1*06:02, DQB1*06:03	LMX	
Keming, Du				22	+	+	+	+	+	+			+						15	+	+	+	+	+	+	+	+	+				LMX
Liu, Chang MD, Ph					+	+	+	+												+	+	+	+	+	+	+	+				LMX	
McCluskey, James	0			85	+	+	+	+	+	+	+	+		DQA1*03:01, DQA1*03:03	5	+	+		53	+	+	+	+	+	+	+	+	+	+	DR10, DQA1*01:01	LMX	
Pancoska, Carol P	0			28	+	+	+	+	+	+			+		0				22	+	+	+	+	+	+	+	+	+			LMX	
Permpikul, Vejbaes				18	+	+	+	+	+										18	+	+	+	+	+	+	+					LMX	
Pule, Ziningi				24	+						+	+		DQ3					17	+	+	+	+			+					LMX	
Reed, Elaine F. Ph	0			21	+	+	+	+	+	+					0				21	+	+	+	+	+	+					DRB1*14:02, DRB1*04:01, DRB1*04:04, DRB1*04:05, DQB1*05:01, DQB1*06:02, DQB1*06:03	LMX	

Table 31. Individual laboratory results for Serum #1193-1196 by Other, Flow Cytometry, and C1q - class II

	**** Serum 1193 ****					**** Serum 1194 ****					**** Serum 1195 ****					**** Serum 1196 ****							
Investigator	% POS				Other	% POS	DQ7	DQ8	DQ9	DR4	Other	% POS				Other	% POS	DR15	DR16		Other	Method	
Liu, Chang MD, Ph						29											60						Other
Reed, Elaine F. Ph	0					73	+	+	+	+		0					47	+	+				Other = LMX PRA

	**** Serum 1193 ****					**** Serum 1194 ****					**** Serum 1195 ****					**** Serum 1196 ****						
Investigator	% POS				Other	% POS				Other	% POS				Other	% POS	DR15	DR51		Other	Method	
Eckels/CPMC	0					58						0					61					FC
Liu, Chang MD, Ph																		+	+			C1q

NEXT MAILING DATE: August 3, 2016

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