

## Serum Exchange #545

The results for Serum Exchange 545 (sera 1173 -1176), are summarized in Tables 16-21 and individual laboratory results by method are

listed in Tables 22-32. Sera strongly positive to A29, A9 (A23, A29) and 5C specificities were examined in this study.

**Sample 1173** was reported to be strongly positive to A29 by all methods. Additional strong reactivity to B12 (B44 and B45) was detected by Antiglobulin, Luminex, Elisa, and C1q. Antiglobulin, Luminex, and Elisa also reported strong reactivity to A31, A34, and B18. Anti-A2 and -B37 reactivi-

ty, along with reactivity to a number of 7C, 8C, and 12C specificities, was also reported by Luminex and Elisa. In addition, Luminex reported strong C-locus reactivity to Cw7, Cw15, and Cw17.

1173	method	#labs	A29	B45	B44	B12	B18	A25	A30	A31	A32	A34	A2	A33	A68	A69	A74	B54	B41	B42	B55	B59	B37
	NIH-Std	4	100			25		25	25		25												
	NIH-Ext	3	100																				
	AHG	2	100	100	100		100			100		100											
	Luminex	24	100	100	100		88	100	96	100	100	100	100	100	100	100	100	100	96	96	96	96	96
	Flow	1	no specificities assigned																				
	ELISA	2	100	100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	C1q	1	100	100	100																		
	Other	3	67	67																			

  

1173	method	#labs	A26	A66	B8	B38	B39	B67	A3	A1	A23	A36	A80	Cw7	Cw17	Cw15	A43	B73	B76	B82	B56	B7	B65
	NIH-Std	4																					
	NIH-Ext	3																					
	AHG	2																					
	Luminex	24	92	79	100	92	88	92	92	83	75	92	83	100	100	79	96	100	92	92	88		
	Flow	1	no specificities assigned																				
	ELISA	2	100	100	100	100	100	100	100	100	100	50	50									100	100
	C1q	1																					
	Other	3																					

Class II reactivity to anti-DR17 and -DR18 antisera was reported by NIH-extended, Luminex, C1q, and Luminex PRA. Reactivity to DR13, DR14, and DQ2 was also detected by Luminex, C1q, and Luminex PRA. Luminex, along with Luminex PRA, reported additional reactivity to DR11, DR12, DR7, DR8, DR9, and DQ3. Reactivity to a number of DP and DQ specificities was also reported by Luminex.

1173	method	#labs	DR17	DR18	DR3	DR13	DR14	DQ2	DR11	DR12	DR7	DR8	DR9	DQ7	DR52	DR15	DPw4	DPw2	DR16	DR51	DR10	DP18	DQ5	DQ6	DQ8	DQ9	DQ4	DPw1	DPw5	DP402	DPw6	DR53
	NIH-Std	1			100																											
	NIH-Ext	1	100	100																												
	Luminex		95	95		100	100	100	100	100	100	100	100	79	100	95	79	74	68	63	58	53	53	42	42	42	42	26	26	16	16	16
	Flow	1	no specificities assigned																													
	C1q	1	100	100		100	100	100																								
	Other	2	50	50		50	50	50	50	50	50	50	50	50																		

For **sample 1174**, strong anti-A29 reactivity was reported by all methods. Additional reactivity to A1, A36, B41, and a number of 2C, 5C, 7C, and 10C specificities was detected by various methods.

Strong reactivity to a number of DR specificities (DR8, DR11, DR12,

DR13, DR14, DR17, DR18) was reported by Luminex and Luminex PRA. Additional reactivity to other DR specificities, as well as reactivity to DQ2 and DQ5, was also detected by Luminex.

1174	method	#labs	A29	A1	A36	B35	B50	B53	B42	A31	B7	B71	B75	B62	B49	B51	B56	B55	A30	A33	A23	A2	A26	A69	A68	B63	B72
	NIH-Std	4	100	25	25					25											25						
	NIH-Ext	3	100			33	67					33	33	33						33							
	AHG	3	67	100	100	100	33	33	33	67	33	33			67	33	33	33	67			33	33	33	33		
	Luminex	24	100	96	96	100	96	100	96	79	83	92	100	92	96	83	100	100	92	79	75		92	75		100	92
	Flow	1	no specificities assigned																								
	ELISA	2	100	100	100	100	100	100	100	100	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	C1q	1	100	100	100																						
	Other	3	33	33		33		33	33		33											33					
1174	method	#labs	B67	B54	B59	B78	B58	B46	B13	A80	A74	A34	B41	B57	B77	B82	A2	A43	A66	B37	Cw4	A32	B27	B39	B44		
	NIH-Std	4							25													25					
	NIH-Ext	3																									
	AHG	3																					33	33	33		
	Luminex	24	92	88	83	79	79	79		92	83	79	75	79	92	75	88	92				75					
	Flow	1	no specificities assigned																								
	ELISA	2	50	50	50	50	50	50	100	100	100	100	100	50					100	100							
	C1q	1																									
	Other	3																									

1174	method	#labs	DR11	DR12	DR13	DR14	DR17	DR18	DR8	DR10	DR9	DR53	DR52	DR7	DQ2	DQ5
	NIH-Std	1	NT													
	NIH-Ext	1	no specificities assigned													
	Luminex	19	100	100	100	100	95	95	100	100	100	84	58	42	16	
	Flow	1	no specificities assigned													
	C1q	1	NT													
	Other	2	50	50	50	50	50	50	50							

1175	method	#labs	A23	A24	A32	A25	B57	B58	B17	B49	B21	B51	B52	B5	A2	A68	A69	A1	A29	B53	B63	B38	B59	B13	B37	B44	B45	B49
	NIH-Std	4	75	100	25	25	25	25	25	33																		
	NIH-Ext	3	100	100	33	33	33	33							33													
	AHG	2	100	100	100	50	100		50	50		100	50			50	50		50									
	Luminex	22	100	100	95	100	95	100		100		100	95		100	100	100	91	59	100	100	100	86	100	100	64	100	
	Flow	1	no specificities assigned																									
	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
	C1q	1	100	100	100	100	100	100		100		100	100							100	100	100	100					
	Other	2	50	50	50	50									50	50		50										

**Sample 1175** was found to be positive to A23, A24, and A32 by all methods. In addition, reactivity to a number of 5C specificities was reported by various methods. Luminex and Elisa also reported strong reactivity to 7C and 12C specificities. Reactivity to a number of C-locus specificities was reported by Luminex.

Anti-DR10 and -DR4 reactivity was detected by Luminex and Luminex PRA. Additional reactivity to other DR and DQ specificities was also reported by Luminex.

1175	method	#labs	DR10	DR4	DR53	DR9	DQ9	DQ8	DQ7	DR1	DR7	DR103	DR15	DR16	DR51	DQ2	DQ5	DR52	DQ6
	NIH-Std	1	NT																
	NIH-Ext	1	no specificities assigned																
	Luminex	17	94	100	94	88	76	71	71	59	59	53	53	47	47	41	35	29	24
	Flow	1	no specificities assigned																
	C1q	1	NT																
	Other	2	50	50															

1176	method	#labs	DR13	DR17	DR18	DR52	DR14	DQ2	DR11	DP11
	NIH-Std	1	NT							
	NIH-Ext	1	no specificities assigned							
	Luminex	18	67	94	94	78	67	28	22	17
	Flow	1	no specificities assigned							
	C1q	1	NT							
	Other	2	50	50	50					

For **sample 1176**, strong reactivity to 5C specificities was reported by all methods. Additional reactivity to 12C (B37, B44, B45) and 7C specificities was detected by various methods. Some reactivity to 8C specificities was also reported by various methods.

Anti-DR13, -DR17, and -DR18 reactivity was reported by Luminex and Luminex PRA. Additional class II reactivity to DR52, DR11, DR14, DQ1, and DP11 was reported by Luminex.

1176	method	#labs	B50	B49	B21	B35	B51	B53	B72	B62	B44	B45	B71	B13	B60	B61	B75	B37	B18	B38	B41	B47	B56	B63	B78	B52	A23	A24	A29
	NIH-Std	4	75	50	50	50	75	50		100	100	100	100	33	67		100	33	33	33	33	33				50	50	50	
	NIH-Ext	3	100	100		67																							
	AHG	2	100	100		100	100	100	50	50	100	100	50	50	50	50							50	50					
	Luminex	23	100	96		96	96	100	100	96	100	96	96	100	96	100	100	100	96	87	96	100	100	96	83	96	78	87	17
	Flow	1	no specificities assigned																										
	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	50
	C1q	1	100	100		100	100	100	100																				
	Other	3	67	67		67	67	67	67	67	33				67	67									33				

1176	method	#labs	B53	B57	B58	B55	B59	B48	B54	B46	B76	B77	B67	B64	B39	B8	Cw10	A32	A11	A25	A26	A68	A3	B7	B27	B70	
	NIH-Std	4	50																								
	NIH-Ext	3																									
	AHG	2																									
	Luminex	23	100	100	96	91	91	83	87	91	91	91	83	83	78	65	65						50		50		
	Flow	1	no specificities assigned																								
	ELISA	2		100	100	100	100	100										50									
	C1q	1																									
	Other	3																									

**Table 16. Summary of the 545<sup>th</sup> Serum Exchange (Serum #1173-1176) by NIH-Standard and NIH-Extended - class I**

<b>Method: NIH-Standard</b>											
<b>*** Serum 1173 ***</b>			<b>*** Serum 1174 ***</b>			<b>*** Serum 1175 ***</b>			<b>*** Serum 1176 ***</b>		
4 typing Labs			4 typing Labs			4 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A29	100%	58%	A29	100%	50%	A24	100%	100%	B50	75%	100%
A30	25%	100%	A1	25%	100%	A23	75%	100%	B51	75%	25%
A32	25%	100%	A31	25%	100%	A25	25%	100%	A23	50%	100%
B12	25%	100%	A36	25%	100%	A26	25%	100%	B49	50%	100%
A25	25%	50%	B13	25%	100%	B17	25%	100%	B35	50%	40%
			A23	25%	67%	B21	25%	100%	A11	25%	100%
			A32	25%	50%	B5	25%	100%	A25	25%	100%
						B51	25%	100%	A26	25%	100%
						B52	25%	100%	A68	25%	100%
						B57	25%	100%	B13	25%	100%
						A32	25%	88%	B21	25%	100%
									B53	25%	100%
									B7	25%	80%
									A24	25%	75%
									B52	25%	50%

<b>Method: NIH-Extended</b>											
<b>*** Serum 1173 ***</b>			<b>*** Serum 1174 ***</b>			<b>*** Serum 1175 ***</b>			<b>*** Serum 1176 ***</b>		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A29	100%	100%	A29	100%	50%	A23	100%	100%	B45	100%	100%
			B50	67%	50%	A24	100%	100%	B49	100%	100%
			B35	33%	100%	A2	33%	100%	B50	100%	100%
			B62	33%	100%	A32	33%	100%	B62	100%	100%
			B71	33%	100%	B49	33%	100%	B71	100%	100%
			B75	33%	100%	B57	33%	100%	B72	100%	100%
			A33	33%	50%	B58	33%	100%	B75	100%	100%
						BW4	33%	78%	B44	100%	75%
									B35	67%	100%
									B60	67%	80%
									B13	33%	100%
									B18	33%	100%
									B37	33%	100%
									B38	33%	100%
									B41	33%	100%
									B47	33%	100%

**Table 17. Summary of the 545<sup>th</sup> Serum Exchange (Serum #1173-1176) by Antiglobulin and Other - class I**

Method: Antiglobulin											
*** Serum 1173 ***			*** Serum 1174 ***			*** Serum 1175 ***			*** Serum 1176 ***		
2 typing Labs			3 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A29	100%	100%	A1	100%	100%	A23	100%	100%	B35	100%	100%
B44	100%	100%	A36	100%	100%	A24	100%	100%	B44	100%	100%
B45	100%	100%	B35	100%	100%	A32	100%	100%	B45	100%	100%
A31	50%	100%	A29	67%	100%	B51	100%	100%	B49	100%	100%
A34	50%	100%	B49	67%	100%	B53	100%	100%	B50	100%	100%
B18	50%	100%	A31	67%	80%	B57	100%	100%	B51	100%	100%
			A30	67%	78%	A25	50%	100%	B53	100%	100%
			A2	33%	100%	A29	50%	100%	A3	50%	100%
			A68	33%	100%	A68	50%	100%	B13	50%	100%
			A69	33%	100%	A69	50%	100%	B27	50%	100%
			B27	33%	100%	A74	50%	100%	B56	50%	100%
			B39	33%	100%	B17	50%	100%	B60	50%	100%
			B42	33%	100%	B35	50%	100%	B61	50%	100%
			B44	33%	100%	B49	50%	100%	B62	50%	100%
			B50	33%	100%	B52	50%	100%	B63	50%	100%
			B51	33%	100%				B70	50%	100%
			B53	33%	100%				B71	50%	100%
			B56	33%	100%				B72	50%	100%

Method: Other											
*** Serum 1173 ***			*** Serum 1174 ***			*** Serum 1175 ***			*** Serum 1176 ***		
3 typing Labs			3 typing Labs			2 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A29	67%	100%	A1	33%	100%	A1	50%	100%	B35	67%	100%
B45	67%	100%	A2	33%	100%	A2	50%	100%	B49	67%	100%
			A29	33%	100%	A23	50%	100%	B50	67%	100%
			B35	33%	100%	A24	50%	100%	B51	67%	100%
			B42	33%	100%	A25	50%	100%	B53	67%	100%
			B53	33%	100%	A32	50%	100%	B60	67%	100%
			B7	33%	100%	A68	50%	100%	B61	67%	100%
									B62	67%	100%
									B72	67%	100%
									B78	33%	100%
									B44	33%	100%

**Table 18. Summary of the 545<sup>th</sup> Serum Exchange (Serum #1173-1176) by Luminex - class I**

*** Serum 1173 ***		
24 typing Labs		
Antigen	Consensus	Inclusion
A25	100%	100%
A29	100%	100%
A31	100%	100%
A32	100%	100%
A33	100%	100%
A34	100%	100%
A68	100%	100%
A69	100%	100%
A74	100%	100%
B44	100%	100%
B45	100%	100%
B54	100%	100%
B73	100%	100%
B8	100%	100%
CW17	100%	100%
CW7	100%	100%
A2	100%	86%
A43	96%	100%
B37	96%	100%
B41	96%	100%
B42	96%	100%
B55	96%	100%
A30	96%	90%
B59	96%	75%
A26	92%	100%
A36	92%	100%
B38	92%	100%
B67	92%	100%
B76	92%	100%
B82	92%	100%
A3	92%	78%
B18	88%	100%
B39	88%	100%
B56	88%	80%
A80	83%	100%
A1	83%	83%
A66	79%	100%
CW15	79%	100%
A23	75%	100%

*** Serum 1174 ***		
24 typing Labs		
Antigen	Consensus	Inclusion
A29	100%	100%
B35	100%	100%
B53	100%	100%
B55	100%	100%
B56	100%	100%
B75	100%	100%
B63	100%	80%
A1	96%	100%
A36	96%	100%
B42	96%	100%
B49	96%	100%
B50	96%	100%
A26	92%	100%
A30	92%	100%
A43	92%	100%
B62	92%	100%
B67	92%	100%
B71	92%	100%
B72	92%	100%
B77	92%	100%
A80	92%	67%
B54	88%	75%
A2	88%	62%
A74	83%	100%
B7	83%	83%
B51	83%	57%
B59	83%	50%
A33	79%	100%
A34	79%	100%
B57	79%	100%
B78	79%	100%
A31	79%	75%
B58	79%	75%
B46	79%	67%
A23	75%	100%
A69	75%	100%
B82	75%	100%
CW4	75%	100%
B41	75%	75%

*** Serum 1175 ***		
22 typing Labs		
Antigen	Consensus	Inclusion
A23	100%	100%
A24	100%	100%
A25	100%	100%
A68	100%	100%
B13	100%	100%
B37	100%	100%
B38	100%	100%
B44	100%	100%
B49	100%	100%
B51	100%	100%
B53	100%	100%
B58	100%	100%
B63	100%	100%
B77	100%	100%
A2	100%	95%
A69	100%	33%
A32	95%	100%
B47	95%	100%
B52	95%	100%
B57	95%	100%
B27	95%	80%
A1	91%	73%
A80	86%	100%
B59	86%	100%
B76	86%	100%
CW2	82%	100%
CW4	82%	75%
CW15	77%	100%
CW18	73%	100%
CW5	68%	100%
A34	68%	50%
B45	64%	100%
B54	59%	100%
CW17	59%	100%
A29	59%	50%
A43	55%	100%
CW6	50%	100%
CW7	50%	100%
CW14	45%	100%

*** Serum 1176 ***		
23 typing Labs		
Antigen	Consensus	Inclusion
B13	100%	100%
B37	100%	100%
B44	100%	100%
B47	100%	100%
B50	100%	100%
B53	100%	100%
B56	100%	100%
B57	100%	100%
B61	100%	100%
B72	100%	100%
B75	100%	100%
B18	96%	100%
B35	96%	100%
B41	96%	100%
B45	96%	100%
B49	96%	100%
B51	96%	100%
B52	96%	100%
B58	96%	100%
B60	96%	100%
B62	96%	100%
B63	96%	100%
B71	96%	100%
B46	91%	100%
B55	91%	100%
B59	91%	100%
B76	91%	100%
B77	91%	100%
B38	87%	100%
B54	87%	100%
A24	87%	92%
B48	83%	100%
B64	83%	100%
B67	83%	100%
B78	83%	100%
A23	78%	100%
B39	78%	100%
B8	65%	100%
CW10	65%	100%

**Table 19. Summary of the 545<sup>th</sup> Serum Exchange (Serum #1173-1176) by ELISA- class I**

*** Serum 1173 ***		
2 typing Labs		
Antigen	Consensus	Inclusion
A2	100%	100%
A25	100%	100%
A26	100%	100%
A29	100%	100%
A3	100%	100%
A30	100%	100%
A31	100%	100%
A32	100%	100%
A33	100%	100%
A34	100%	100%
A66	100%	100%
A68	100%	100%
A69	100%	100%
A74	100%	100%
B18	100%	100%
B37	100%	100%
B38	100%	100%
B39	100%	100%
B41	100%	100%
B42	100%	100%
B44	100%	100%
B45	100%	100%
B54	100%	100%
B55	100%	100%
B59	100%	100%
B65	100%	100%
B67	100%	100%
B7	100%	100%
B8	100%	100%
A23	100%	50%
A1	50%	100%

*** Serum 1174 ***		
2 typing Labs		
Antigen	Consensus	Inclusion
A1	100%	100%
A2	100%	100%
A26	100%	100%
A29	100%	100%
A36	100%	100%
A68	100%	100%
A69	100%	100%
A80	100%	100%
B13	100%	100%
B35	100%	100%
B41	100%	100%
B42	100%	100%
B49	100%	100%
B50	100%	100%
B53	100%	100%
B55	100%	100%
B56	100%	100%
B62	100%	100%
B63	100%	100%
B71	100%	100%
B72	100%	100%
B75	100%	100%
A23	100%	50%
B51	100%	50%
A30	50%	100%
A31	50%	100%
A33	50%	100%
A34	50%	100%
A66	50%	100%
A74	50%	100%
B37	50%	100%

*** Serum 1175 ***		
2 typing Labs		
Antigen	Consensus	Inclusion
A1	100%	100%
A11	100%	100%
A2	100%	100%
A23	100%	100%
A24	100%	100%
A25	100%	100%
A29	100%	100%
A3	100%	100%
A31	100%	100%
A32	100%	100%
A33	100%	100%
A68	100%	100%
A69	100%	100%
A74	100%	100%
A80	100%	100%
B13	100%	100%
B27	100%	100%
B37	100%	100%
B38	100%	100%
B44	100%	100%
B45	100%	100%
B47	100%	100%
B49	100%	100%
B51	100%	100%
B52	100%	100%
B53	100%	100%
B54	100%	100%
B57	100%	100%
B58	100%	100%
B59	100%	100%
B63	100%	100%

*** Serum 1176 ***		
2 typing Labs		
Antigen	Consensus	Inclusion
A23	100%	100%
B13	100%	100%
B18	100%	100%
B35	100%	100%
B37	100%	100%
B38	100%	100%
B41	100%	100%
B44	100%	100%
B45	100%	100%
B47	100%	100%
B48	100%	100%
B49	100%	100%
B50	100%	100%
B51	100%	100%
B52	100%	100%
B53	100%	100%
B55	100%	100%
B56	100%	100%
B57	100%	100%
B58	100%	100%
B59	100%	100%
B60	100%	100%
B61	100%	100%
B62	100%	100%
B63	100%	100%
B71	100%	100%
B72	100%	100%
B75	100%	100%
B78	100%	100%
A29	50%	100%
A32	50%	100%

**Table 20. Summary of the 545<sup>th</sup> Serum Exchange (Serum #1173-1176) by NIH, C1q, Flow Cytometry, and Other - class II**

<b>Method: NIH-Standard and NIH-Extended</b>											
<b>*** Serum 1173 ***</b>			<b>*** Serum 1174 ***</b>			<b>*** Serum 1175 ***</b>			<b>*** Serum 1176 ***</b>		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR3	50%	100%	no consensus			no consensus			no consensus		
DR17	50%	100%									
DR18	50%	100%									

<b>Method: C1q and Flow Cytometry</b>											
<b>*** Serum 1173 ***</b>			<b>*** Serum 1174 ***</b>			<b>*** Serum 1175 ***</b>			<b>*** Serum 1176 ***</b>		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ2	50%	100%	no consensus			no consensus			no consensus		
DR13	50%	100%									
DR14	50%	100%									
DR17	50%	100%									
DR18	50%	100%									

<b>Method: Other</b>											
<b>*** Serum 1173 ***</b>			<b>*** Serum 1174 ***</b>			<b>*** Serum 1175 ***</b>			<b>*** Serum 1176 ***</b>		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ2	50%	100%	DR11	50%	100%	DR10	50%	100%	DR13	50%	100%
DQ7	50%	100%	DR12	50%	100%	DR4	50%	100%	DR17	50%	100%
DR11	50%	100%	DR13	50%	100%				DR18	50%	100%
DR12	50%	100%	DR14	50%	100%						
DR13	50%	100%	DR17	50%	100%						
DR14	50%	100%	DR18	50%	100%						
DR17	50%	100%	DR8	50%	100%						
DR18	50%	100%									
DR7	50%	100%									
DR8	50%	100%									
DR9	50%	100%									



**Table 21. Summary of the 545<sup>th</sup> Serum Exchange (Serum #1173-1176) by Luminex - class II**

*** Serum 1173 ***		
19 typing Labs		
Antigen	Consensus	Inclusion
DQ2	100%	100%
DR11	100%	100%
DR12	100%	100%
DR13	100%	100%
DR14	100%	100%
DR52	100%	100%
DR7	100%	100%
DR8	100%	100%
DR9	100%	100%
DR15	95%	100%
DR17	95%	100%
DR18	95%	100%
DPW4	79%	100%
DQ7	79%	82%
DPW2	74%	100%
DR16	68%	100%
DR51	63%	100%
DR10	58%	100%
DP18	53%	100%
DQ5	53%	100%
DQ6	42%	100%
DQ8	42%	100%
DQ9	42%	100%
DQ4	42%	100%
DPW1	26%	100%
DPW5	26%	100%
DP402	16%	100%
DPW6	16%	100%
DR53	16%	100%

*** Serum 1174 ***		
19 typing Labs		
Antigen	Consensus	Inclusion
DR10	100%	100%
DR11	100%	100%
DR12	100%	100%
DR13	100%	100%
DR14	100%	100%
DR8	100%	100%
DR9	100%	100%
DR53	100%	94%
DR17	95%	100%
DR18	95%	100%
DR52	84%	97%
DR7	58%	100%
DQ2	42%	40%
DQ5	16%	100%

*** Serum 1175 ***		
17 typing Labs		
Antigen	Consensus	Inclusion
DR4	100%	100%
DR10	94%	67%
DR53	94%	41%
DR9	88%	43%
DQ9	76%	40%
DQ8	71%	100%
DQ7	71%	53%
DR1	59%	100%
DR7	59%	100%
DR103	53%	100%
DR15	53%	100%
DR16	47%	100%
DR51	47%	100%
DQ2	41%	40%
DQ5	35%	50%
DR52	29%	33%
DQ6	24%	33%

*** Serum 1176 ***		
18 typing Labs		
Antigen	Consensus	Inclusion
DR17	94%	100%
DR18	94%	100%
DR52	78%	100%
DR14	67%	88%
DR13	67%	56%
DQ2	28%	40%
DR11	22%	100%
DP11	17%	100%



**Table 23. Individual laboratory results for Serum #1173-#1176 by Antiglobulin and Other**

Investigator	**** Serum 1173 ****					**** Serum 1174 ****								**** Serum 1175 ****							**** Serum 1176 ****									Method				
	% POS	A29	B44	B45	Other	% POS	A1	A36	B35	A29	B49	A31	A30	Other	% POS	A23	A24	A32	B51	B53	B57	Other	% POS	B35	B44	B45	B49	B50	B51		B53	Other		
Cecka, J. Michael P	NT					65	+	+	+	+	+	+	+	B50,B7>	NT								NT										B60,B61>	AHG
Hahn, Amy B. PhD		+	+	+	A34,A31>		+	+	+	+	+	+	+	A2,B44>		+	+	+	+	+	+	A29,A74>		+	+	+	+	+	+	+		B60,B61>	AHG	
Vasilescu, Rodica	35	+	+	+		30	+	+	+						40	+	+	+	+	+	+	B49,B52>	50	+	+	+	+	+	+	+		B70	AHG	

Investigator	**** Serum 1173 ****					**** Serum 1174 ****								**** Serum 1175 ****							**** Serum 1176 ****									Method				
	% POS	A29	B45	B76	Other	% POS	A1	A2	A29	B35	B42	B53	B7	Other	% POS	A1	A2	A23	A24	A25	A32	A68	Other	% POS	B35	B49	B50	B51	B60		B61	B62	B72	B53
Hamdi, Nuha	NT					89		+							NT									NT										Other
Phelan, Donna L.	100					91									93									98										Other
Reed, Elaine F. PhD	98	+	+			82	+		+	+	+	+	+		86	+	+	+	+	+	+	+		92	+	+	+	+	+	+	+	+	+	Other
Hod, Reut		+	+	+	A43,B44>	NT									NT										+	+	+	+	+	+	+	+	B78,B44>	Other

**Table 24. Individual laboratory results for Serum #1173 Luminex**

		**** Serum 1173 ****																																				
Investigator	% POS	A25	A29	A31	A32	A33	A34	A68	A69	A74	B44	B45	B54	B73	B8	CW17	CW7	A2	A43	B37	B41	B42	B55	A30	B59	A26	A36	B38	B67	B76	B82	A3	B18	B39	B56	A80	Other	Method
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A66,A1,CW15 >	LMX
Bengochea, Carrette	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A6601,A6602,B3901	LMX
Cecka, J. Michael P	84	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A66,B49 >	LMX
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A24,A203 >	LMX
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A203,B60,B61 >	LMX
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,B60,B61 >	LMX
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B60,B61,B48 >	LMX
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,B60,B61 >	LMX
Hamdi, Nuha	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,B60,B61 >	LMX
Hod, Reut	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A23,A6601,A6602	LMX
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A11,A24,B60 >	LMX
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66	LMX
Libyh/Roulin, Tabary	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B60,B61,B49 >	LMX
Martinho, Paiva &		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A66,B13,B27 >	LMX
McCoy, Heather	58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B61,A66,B49 >	LMX
Pancoska, Carol Ph	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,B60,B61 >	LMX
Permpikul, Vejbaesy	52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A66,B50,A1 >	LMX
Phelan, Donna L.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B60,B61,A66 >	LMX
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,B60,B61 >	LMX
Rosen-Bronson, Sai	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,B60,B61 >	LMX
Terasaki, Paul I. Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,B60,B61 >	LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66	LMX
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A24,B60 >	LMX
Vather, Kuben		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A11,A24 >	LMX



**Table 26. Individual laboratory results for Serum #1175 Luminex**

		**** Serum 1175 ****																																							
Investigator	% POS	A23	A24	A25	A68	B13	B37	B38	B44	B49	B51	B53	B58	B63	B77	A2	A69	A32	B47	B52	B57	B27	A1	A80	B59	B76	CW2	CW4	CW15	CW18	CW5	A34	B45	B54	CW17	A29	Other	Method			
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+											A203,A2403	LMX	
Bengochea, Carrette	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+														BW4,A2403	LMX
Cecka, J. Michael P	78	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX	
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A203,A43,CW10 >	LMX	
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A11,A203,A66 >	LMX	
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B82,BW4,B2708,A6602	LMX	
Fort, Marylise	NT																																						LMX		
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B61,A66,B78 >	LMX	
Hamdi, Nuha	82	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A11,B61,A66 >	LMX	
Hod, Reut	86	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B60,B61,B48,B82 >	LMX	
Holdsworth, Rhonda	?																																							LMX	
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX	
Libyh/Roulin, Tabary	85	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A203,B82,B55 >	LMX
Martinho, Paiva &		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B7,A30,A33 >	LMX
McCoy, Heather	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW7	LMX
Pancoska, Carol Ph	53	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A43	LMX
Permpikul, Vejbaesy	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX	
Phelan, Donna L.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A66,A43,CW7	LMX
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A26,A33,A43	LMX
Rosen-Bronson, Sai	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A66,A43,BW4 >	LMX
Terasaki, Paul I. Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A11,B61,A66 >	LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX	
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A43,CW1,CW10 >	LMX
Vather, Kuben		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A66,B82,A26 >	LMX

**Table 27. Individual laboratory results for Serum #1176 Luminex**

Investigator	**** Serum 1176 ****																												Method										
	% POS	B13	B37	B44	B47	B50	B53	B56	B57	B61	B72	B75	B18	B35	B41	B45	B49	B51	B52	B58	B60	B62	B63	B71	B46	B55	B59	B76		B77	B38	B54	A24	B48	B64	B67	B78	Other	
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B39,B7801,B3901	LMX	
Bengochea, Carrette	33	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B82,A23,B8,A2403 >	LMX	
Cecka, J. Michael P	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A23,B39	LMX	
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A203,A2,A29 >	LMX	
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A203,A2,A66 >	LMX	
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2,A23,A69,B65 >	LMX	
Fort, Marylise	NT																																					LMX	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A23,A68 >	LMX	
Hamdi, Nuha	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A34,A23 >	LMX	
Hod, Reut	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2,B82,B39,B8	LMX	
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A66,A25 >	LMX	
Lardy, N.M.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX	
Libyh/Roulin, Tabary	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A23,CW10,CW9 >	LMX	
Martinho, Paiva &		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A23,B65,B39 >	LMX
McCoy, Heather	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A26,A23,CW10	LMX	
Pancoska, Carol Ph	59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A23,A69 >	LMX	
Permpikul, Vejbaesy	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B39	LMX	
Phelan, Donna L.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A23,B39,CW10 >	LMX
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A66,A29 >	LMX
Rosen-Bronson, Sai		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A23,A69 >	LMX
Terasaki, Paul I. Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A34,A23,B39 >	LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2,B82,B7,B39 >	LMX
Vasilescu, Rodica		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A34,A29 >	LMX
Vather, Kuben		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A2,A23,A69 >	LMX

**Table 28. Individual laboratory results for Serum #1173 - 1176 by ELISA, C1q, and Flow Cytometry**

**** Serum 1173 ****																																	
Investigator	% POS	A29	B44	B45	A2	A25	A26	A3	A30	A31	A32	A33	A34	A66	A68	A69	A74	B18	B37	B38	B39	B41	B42	B54	B55	B59	B65	B67	B7	B8	A23	Other	Method
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Elisa
McCoy, Heather	73	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B60,B61,B48 >	Elisa
Phelan, Donna L.		+	+	+																												A43,B76,B82	C1q
Eckels/CPMC,	99																																FC

**** Serum 1174 ****																																		
Investigator	% POS	A1	A29	A36	A2	A26	A68	A69	A80	B13	B35	B41	B42	B49	B50	B53	B55	B56	B62	B63	B71	B72	B75	A23	B51							Other	Method	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									Elisa
McCoy, Heather	76	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								A24,A66,B78,B52 >	Elisa
Phelan, Donna L.		+	+	+																														C1q
Eckels/CPMC,	96																																	FC

**** Serum 1175 ****																																			
Investigator	% POS	A23	A24	A25	A32	B38	B49	B51	B52	B53	B57	B58	B59	B63	A1	A11	A2	A29	A3	A31	A33	A68	A69	A74	A80	B13	B27	B37	B44	B45	B47	B54	Other	Method	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B48,B78,B75,B7 >	Elisa	
McCoy, Heather	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B60,B61,A66	Elisa	
Phelan, Donna L.		+	+	+	+	+	+	+	+	+	+	+	+	+																				Cw4	C1q
Eckels/CPMC,	89																																	FC	

**** Serum 1176 ****																																			
Investigator	% POS	B49	B50	B51	B53	B72	A23	B13	B18	B35	B37	B38	B41	B44	B45	B47	B48	B52	B55	B56	B57	B58	B59	B60	B61	B62	B63	B71	B75	B78		Other	Method		
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Elisa		
McCoy, Heather	69	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A11,A24,B54,A29 >	Elisa	
Phelan, Donna L.		+	+	+	+	+																													C1q
Eckels/CPMC,	96																																		FC



**Table 29. Individual laboratory results for Serum #1173 - 1176 by NIH, C1q, Flow Cytometry, and Other - class II**

Investigator	**** Serum 1173 ****										**** Serum 1174 ****										**** Serum 1175 ****										**** Serum 1176 ****										Method
	% POS	DR3	DR17	DR18							Other	% POS									Other	% POS								Other	% POS						Other				
Claas, F.H.J.	35	+										NT									Other	NT															STD				
Reed, Elaine F. PhD	47		+	+								67										91														EXT					

Investigator	**** Serum 1173 ****										**** Serum 1174 ****										**** Serum 1175 ****										**** Serum 1176 ****										Method
	% POS	DQ2	DR17	DR18	DR13	DR14					Other	% POS									Other	% POS													Other						
Phelan, Donna L.		+	+	+	+	+						NT									Other	NT														C1q					
Eckels/CPMC,	99											90										75														FC					

Investigator	**** Serum 1173 ****															**** Serum 1174 ****										**** Serum 1175 ****										**** Serum 1176 ****										Method
	% POS	DQ2	DR17	DR18	DR11	DR12	DR13	DR14	DR7	DR8	DR9	DQ7	Other	% POS	DR11	DR12	DR13	DR14	DR17	DR18	DR8	Other	% POS	DR10	DR4	Other	% POS	DR13	DR17	DR18	Other															
Phelan, Donna L.	100													91													93								Other											
Reed, Elaine F. PhD	83	+	+	+	+	+	+	+	+	+	+		77	+	+	+	+	+	+	+		33	+	+		47	+	+	+					Other												

STD = NIH-Standard  
 EXT = NIH-Extended  
 FC = Flow Cytometry  
 Other = Luminex PRA

**Table 30. Individual laboratory results for Serum #1173 by Luminex - class II**

		**** Serum 1173 ****																																			
Investigator	% POS	DQ2	DR11	DR12	DR13	DR14	DR52	DR7	DR8	DR9	DR15	DR17	DR18	DPW4	DQ7	DPW2	DR16	DR51	DR10	DP18	DQ5	DQ6	DQ8	DQ9	DQ4	DPW1	DPW5	DP402	DPW6	DR53	Other	Method					
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									+											LMX	
Bengochea, Carrette	39	+	+	+	+	+	+	+	+	+	+						+																		DR3,DR1404	LMX	
Cecka, J. Michael P	94	+	+	+	+	+	+	+	+	+		+	+		+																					LMX	
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+									LMX	
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+							LMX	
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX	
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX	
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+														LMX	
Hamdi, Nuha	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+																					LMX	
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+		+																				LMX	
Libyh/Roulin, Tabary	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+								LMX	
Pancoska, Carol Ph	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								+			LMX	
Permpikul, Vejbaesy	32	+	+	+	+	+	+	+	+	+	+	+	+	+																						LMX	
Phelan, Donna L.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										+											LMX
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+											+		LMX
Rosen-Bronson, Sai	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+	+			+	+																			LMX
Vather, Kuben		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	DR1,DR103,DR4,DPW3 >	LMX
Vather, Nelson/		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	DPW3,DP9,DP10,DP11 >	LMX

**Table 31. Individual laboratory results for Serum #1174 by Luminex - class II**

**** Serum 1174 ****																	
Investigator	% POS	DR10	DR11	DR12	DR13	DR14	DR8	DR9	DR53	DR17	DR18	DR52	DR7	DQ2	DQ5	Other	Method
Arnold, Paula PhD		+	+	+	+	+	+	+	+	+	+						LMX
Bengochea, Carrette	22	+	+	+	+	+	+	+	+			+	+			DR3,DR1404	LMX
Cecka, J. Michael P	89	+	+	+	+	+	+	+	+	+	+	+					LMX
Chen, Dong-Feng P		+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+					LMX
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+				LMX
Hamdi, Nuha	89	+	+	+	+	+	+	+	+	+	+	+		+			LMX
Holdsworth, Rhonda		+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX
Libyh/Roulin, Tabary	89	+	+	+	+	+	+	+	+	+	+	+					LMX
Pancoska, Carol Ph	23	+	+	+	+	+	+	+	+	+	+	+					LMX
Permpikul, Vejbaesy	18	+	+	+	+	+	+	+	+	+	+						LMX
Phelan, Donna L.		+	+	+	+	+	+	+	+	+	+						LMX
Reed, Elaine F. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
Rosen-Bronson, Sar	93	+	+	+	+	+	+	+	+	+	+	+	+				LMX
Thornton, Alycia		+	+	+	+	+	+	+	+	+	+	+	+				LMX
Vather, Kuben		+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX
Vather, Nelson/		+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX

