

SERUM EXCHANGE #563

JUNE 29, 2018

Sera	1245-1248
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The results for **Serum Exchange 563 (sera 1245 - 1248)**, are summarized in Tables 16 -22 and individual laboratory results by method are listed in

Tables 23-34. Sera strong positive to 5C specificities were examined in this study.

1245	method	#labs	B49	B50	B63	B53	B51	B62	B57	B58	B35	B52	B56	B71	B72	B77	B75	B59	Cw6	A2	A32	A25	A26	A34	A66	A6601	A6602	A68	A69	B13	B38	B44
class I	NIH-Std	1	no consensus																													
	NIH-Ext	2	50%	50%	50%				50%																38%							
	AHG	3	67%	67%	33%	67%	33%	33%			33%																					
	Luminex	29	100%	100%	100%	97%	100%	100%	100%	97%	100%	100%	100%	100%	100%	100%	100%	100%	90%	100%	100%	100%	97%	83%	79%		24%	69%	59%	97%	100%	100%
	Flow	3	no specificities assigned																													
	C1q	3	100%	100%	100%	100%	100%	67%	100%	100%		100%	67%	67%	67%	67%		67%	67%													
	Other	3	100%	100%	100%	100%	50%	100%	100%	100%	100%	100%	50%	100%	100%	50%	100%			100%	50%	50%	50%	50%			50%	50%	50%			

1245	method	#labs	B47	B37	B41	B45	B55	B27	B54	B46	B60	B61	B76	B78	B7801	Cw5	Cw18	Cw15	Cw1	Cw12	Cw10	Cw16	Cw4	Cw7	A11	A1101	A23	A43	B67	B42	A24	A2403	B39
	Luminex	29	100%	97%	97%	97%	97%	97%	93%	86%	86%	86%	83%	83%	34%	79%	72%	69%	48%	48%	45%	45%	45%	41%	41%	24%	66%	66%	62%	52%	48%	21%	41%

1245	method	#labs	DR1	DR103	DR10	DR51	DR9	NEG	DQ5
class II	NIH-Ext	1	no specificities assignd						
	Luminex	22	82%	61%	32%	25%	25%	18%	11%
	Flow	3	no specificities assignd						
	C1q	1	no consensus						
	Other	2	50%						

Serum 1245 was reported as strongly positive to B21 (B49 and B50). Additional reactivity to B56, B59, as well as reactivity to a number of 5C specificities, was reported by various methods. In addition, Luminex and Luminex PRA reported reactivity to a number of 10C specificities. The reporting of class II antibodies was mixed among labs, with a

number (n=18) of Luminex labs and 1 PRA lab reporting anti-DR1 reactivity. In addition, some Luminex labs also reported anti-DR103 reactivity. Interestingly, 4 Luminex labs and 1 C1q lab reported this sample as negative for class II.

1246	method	#abs	B50	B13	B44	B45	B49	B60	B62	A34	B41	B47	B48	A30	A31	A33	B61	A68	B35	B51	B53	B71	B72	B70	B76
class I	NIH-Std	1	no consensus																						
	NIH-Ext	2	50%									50%													
	AHG	3	67%	33%	33%	33%	67%	33%	33%	33%	33%		33%											33%	
	Luminex	29	100%	93%	100%	100%	100%	97%	97%	93%	93%	90%	79%	98%		97%	83%	76%	79%	41%	69%	90%	93%		93%
	Flow	3	no specificities assigned																						
	C1q	3	no consensus																						
	Other	3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
1246	method	#abs	B56	B75	B27	A66	B81	B52	B77	B8	A6602	B38	B39	B2708	B59	A25	A29	B18	B78	A69	B73	A26	B64	A74	B37
	Luminex	28	83%	66%	66%	59%	55%	52%	48%	38%	34%	34%	34%	31%	31%	28%	28%	28%	28%	24%	24%	21%	21%	17%	17%

1246	method	#abs	DR8	DR11	DR12	DR13	DR14	DR17	DR18	DR52	DQ2	DP18	DP28	DPw2	DPw3	DPw6	DP14	DP17	DP9
class II	NIH-Ext	1	no consensus																
	Luminex	27	100%	100%	100%	100%	100%	100%	96%	96%	100%	93%	93%	93%	81%	81%	81%	81%	78%
	Flow	3	no specificities assigned																
	C1q	2	100%	100%	100%	100%	100%	100%	100%	50%									
	Other	2	100%	100%	100%	100%	100%	100%	100%	100%	100%								
1246	method	#abs	DP10	DP20	DQA1*05	DR4	DPw4	DP402	DQA1*06	DQ4	DQA1*04	DQ7	DR10	DR1404	DR1403	DQA1*03	DPA1*01	DPA1*04	DQ5
class II	Luminex	27	67%	63%	63%	63%	63%	52%	52%	51%	51%	51%	30%	26%	22%	19%	11%	11%	11%

For **serum 1246**, anti-B50 reactivity was reported by NIH-extended, anti-globulin, Luminex, and Luminex PRA. Additional reactivity to B44, B45, as well as reactivity to a number of 5C and 7C specificities, was also reported by various methods. For class II, anti-DR8, -DR11, -DR12, -DR13, -DR14, -

DR17, -DR18, and -DR52 reactivity was reported. Additional reactivity to DQ2 was also reported by Luminex and Luminex PRA. Additional reactivity to a number of DP and DQ specificities was reported by Luminex as well. Allele specific DPB1*04:02 reactivity was reported by 3 labs.

1247	method	#labs	B35	B51	B52	B53	B49	B50	B58	B57	B62	B63	B18	B75	B78	B7801	B71	B72	B70	B46	B56	B37	Cw15	Cw17	Cw18	Cw2	Cw4	Cw5	Cw6
class I	NIH-Std	1	no consensus																										
	NIH-Ext	2	100%	100%	50%	50%	50%	50%	100%																				
	AHG	3	100%	100%	100%	100%	67%	67%	33%	67%	67%	67%	33%	33%	33%				67%	33%	33%								
	Luminex	29	100%	100%	100%	100%	100%	100%	97%	100%	100%	100%	97%	100%	93%	24%	100%	100%		100%	100%	100%	93%	100%	100%	97%	100%	100%	97%
	Flow	3	no specificities assigned																										
	C1q	3	100%		100%	100%	100%	100%	100%	100%	100%	100%	33%	100%	100%		100%	100%		100%	100%	33%	100%	100%	100%	100%	100%	100%	100%
	Other	3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	100%	100%		100%	100%											

1247	method	#labs	B51	Cw10	Cw12	Cw9	B77	B44	A25	A66	B27	B54	B45	A33	Cw14	B64	B73	A31	A26	Cw1	B76	B2708	B55	B13	Cw403	Cw8	A68	B82	
	AHG	3						33%																					
	Luminex	29	100%	97%	69%	93%	97%	86%	66%	41%	76%	83%	76%	76%	69%	69%	66%	66%	59%	59%	38%	31%	24%	21%	21%	21%	21%	17%	17%
	C1q	3	67%	67%	67%	67%	100%																						
	Other	3							50%	50%																			

1247	method	#labs	DQ7	DQ8	DQ9	DR52	DR13	DQA1*03	DQA1*05	DQA1*06	DR17	DR18	DQ3
class II	NIH-Ext	1	no specificities assigned										
	Luminex	26	100%	96%	92%	46%	42%	15%	15%	15%	15%	15%	12%
	Flow	3	no specificities assigned										
	C1q	2	100%										
	Other	2	100%	100%	100%								

Serum 1247 was reported as strongly positive to B35, B51, B52, and B53. Additional reactivity to other B5 specificities, as well as anti-B56 reactivity was reported by various methods. Reactivity to B37 and to a number of C-

locus specificities was also reported by Luminex and C1q. Anti-DQ7 reactivity was reported by Luminex, C1q, and PRA labs. Additional reactivity to DQ8 and DQ9 was also reported by Luminex and PRA.

1248	method	#labs	B51	B52	B63	B18	B64	B65	B8	B49	B78	B7801	A3	B13	B38	B39	B75	B35	B77	B71	B82	A33	B59	B57	B67	B46	B53	B61	Cw15	Cw5	B58	B42	B37
class I	NIH-Std	1	no consensus																														
	NIH-Ext	2	100%	50%																													
	AHG	3	100%	67%	33%	33%	33%	33%	33%	33%						33%																	
	Luminex	28	100%	100%	100%	97%	93%	93%	90%	100%	90%	21%	97%	72%	45%	17%	100%		97%	97%	90%	86%	79%	62%	55%	38%	38%	38%	38%	38%	34%	28%	24%
	Flow	3	no specificities assigned																														
	C1q	3	100%	100%	100%						100%																						
	Other	3	100%	100%	100%	100%	100%	100%	50%	50%	100%		50%	50%	50%		50%	50%															

1248	method	#labs	DR4	DR52	DP28	DPw4	DR16	DR15	NEG	DP402
class II	NIH-Ext	1	no specificities assigned							
	Luminex	24	88%	21%	17%	17%	17%	17%	13%	8%
	Flow	4	25%							
	C1q	1	no consensus							
	Other	1	no consensus							

For **Serum 1248**, strong anti-B51 and –B52 reactivity was reported. Additional reactivity to B8, B64, and B65, as well as reactivity to a number of 5C specificities, was reported by various methods. For class II, anti-DR4 reactivi-

ty was reported by Luminex and 1 Flow lab. Several Luminex labs and 1 C1q lab reported this sample as negative for class II.

NEXT MAILING DATE: August 8, 2018

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Table 16. Summary of the 563rd Serum Exchange (Serum #1245-1248) by NIH-Standard and NIH-Extended - class I

Method: NIH-Standard											
*** Serum 1245 ***			*** Serum 1245 ***			*** Serum 1247 ***			*** Serum 1248 ***		
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 specificities assigned			no consensus			no consensus		

Method: NIH-Extended											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B49	50%	100%	B47	50%	100%	B35	100%	88%	B51	100%	100%
B50	50%	50%	B50	50%	50%	B51	100%	75%	B52	50%	100%
B57	50%	50%				B58	100%	67%			
B63	50%	50%				B52	50%	100%			
						B53	50%	100%			
						B49	50%	75%			
						B50	50%	50%			

Table 17. Summary of the 563rd Serum Exchange (Serum #1245-1248) by Antiglobulin - class I

Method: Antiglobulin											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B49	67%	100%	B49	67%	100%	B35	100%	100%	B51	100%	100%
B50	67%	100%	B50	67%	75%	B51	100%	100%	B52	67%	100%
B53	67%	100%	A34	33%	100%	B52	100%	100%	B49	33%	100%
B35	33%	100%	B13	33%	100%	B53	100%	100%	B63	33%	100%
B51	33%	100%	B41	33%	100%	B49	67%	100%	B65	33%	83%
B62	33%	100%	B48	33%	100%	B50	67%	100%	B39	33%	67%
B63	33%	100%	B70	33%	100%	B57	67%	100%	B8	33%	67%
			B60	33%	80%	B62	67%	100%	B64	33%	50%
			B62	33%	80%	B63	67%	100%	B18	33%	33%
			B44	33%	78%	B70	67%	100%			
			B45	33%	67%	B18	33%	100%			
						B44	33%	100%			
						B46	33%	100%			
						B56	33%	100%			
						B58	33%	100%			
						B75	33%	100%			
						B78	33%	100%			

Table 18. Summary of the 563rd Serum Exchange (Serum #1245-1248) by Flow Cytometry and Other - class I

Method: Flow Cytometry											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no specificities assigned			no specificities assigned			no specificities assigned			no specificities assigned		

Method: Other											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
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%	A30	100%	100%	B35	100%	100%	B18	100%	100%
B35	100%	100%	A31	100%	100%	B49	100%	100%	B51	100%	100%
B49	100%	100%	A33	100%	100%	B50	100%	100%	B52	100%	100%
B50	100%	100%	B13	100%	100%	B51	100%	100%	B63	100%	100%
B52	100%	100%	B44	100%	100%	B52	100%	100%	B64	100%	100%
B53	100%	100%	B45	100%	100%	B53	100%	100%	B65	100%	100%
B57	100%	100%	B49	100%	100%	B57	100%	100%	B78	100%	100%
B58	100%	100%	B50	100%	100%	B58	100%	100%	A3	50%	100%
B62	100%	100%	B60	100%	100%	B62	100%	100%	B13	50%	100%
B63	100%	100%	B61	100%	100%	B63	100%	100%	B35	50%	100%
B71	100%	100%	B62	100%	100%	B71	100%	100%	B38	50%	100%
B72	100%	100%	A34	50%	100%	B72	100%	100%	B49	50%	100%
B75	100%	100%	A68	50%	100%	B75	100%	100%	B75	50%	100%
A25	50%	100%	B35	50%	100%	B78	100%	100%	B8	50%	100%
A26	50%	100%	B41	50%	100%	A25	50%	100%			
A32	50%	100%	B47	50%	100%	A66	50%	100%			
A34	50%	100%	B48	50%	100%	B18	50%	100%			
A66	50%	100%	B51	50%	100%	B27	50%	100%			
A68	50%	100%	B53	50%	100%	B37	50%	100%			
A69	50%	100%	B71	50%	100%	B44	50%	100%			
B13	50%	100%	B72	50%	100%	B45	50%	100%			
B51	50%	100%									
B56	50%	100%									
B77	50%	100%									

Table 19. Summary of the 563rd Serum Exchange (Serum #1245-1248) by Luminex - class I

Method: Luminex											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
29 typing Labs			29 typing Labs			29 typing Labs			29 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion		Consensus	Inclusion
A2	100%	100%	B45	100%	100%	B35	100%	100%	B49	100%	100%
A25	100%	100%	B49	100%	100%	B37	100%	100%	B51	100%	100%
A32	100%	100%	B44	100%	67%	B46	100%	100%	B52	100%	100%
B35	100%	100%	B50	100%	67%	B49	100%	100%	B63	100%	100%
B38	100%	100%	A30	97%	100%	B50	100%	100%	B75	100%	100%
B44	100%	100%	A31	97%	100%	B51	100%	100%	A3	97%	100%
B47	100%	100%	A33	97%	100%	B52	100%	100%	B77	97%	100%
B49	100%	100%	B60	97%	100%	B53	100%	100%	B18	97%	40%
B50	100%	100%	B62	97%	100%	B56	100%	100%	B71	97%	33%
B51	100%	100%	A34	93%	100%	B57	100%	100%	B64	93%	100%
B52	100%	100%	B13	93%	100%	B62	100%	100%	B65	93%	75%
B56	100%	100%	B41	93%	100%	B63	100%	100%	B78	90%	100%
B57	100%	100%	B72	93%	100%	B71	100%	100%	B82	90%	50%
B59	100%	100%	B76	93%	50%	B72	100%	100%	B8	90%	20%
B62	100%	100%	B47	90%	100%	B75	100%	100%	A33	86%	67%
B63	100%	100%	B71	90%	100%	Cw17	100%	100%	B59	79%	33%
B71	100%	100%	B56	83%	100%	Cw18	100%	100%	B13	72%	60%
B72	100%	100%	B61	83%	100%	Cw4	100%	100%	B57	62%	50%
B75	100%	100%	B35	79%	100%	Cw5	100%	100%	B67	55%	100%
B77	100%	100%	B48	79%	100%	B18	97%	100%	B38	45%	100%
A26	97%	100%	A68	76%	71%	B58	97%	100%	B46	38%	100%
B13	97%	100%	B53	69%	100%	B77	97%	100%	B53	38%	100%
B37	97%	100%	B75	66%	60%	Cw2	97%	100%	B61	38%	100%
B41	97%	100%	B27	66%	40%	Cw6	97%	92%	Cw15	38%	100%
B45	97%	100%	A66	59%	50%	Cw10	97%	92%	Cw5	38%	100%
B53	97%	100%	B81	55%	50%	B78	93%	100%	B58	34%	100%
B55	97%	100%	B52	52%	100%	Cw15	93%	100%	B42	28%	100%
B58	97%	100%	B77	48%	100%	Cw9	93%	100%	B37	24%	100%
B27	97%	80%	B51	41%	100%	B44	86%	100%	B7801	21%	100%
B54	93%	100%	B8	38%	100%	B54	83%	33%	B39	17%	100%
Cw6	90%	100%	A6602	34%	100%	B27	76%	100%			
B46	86%	100%	B38	34%	100%	B45	76%	100%			
B60	86%	100%	B39	34%	100%	A33	76%	83%			
B61	86%	100%	B2708	31%	100%	Cw14	69%	100%			

Table 19. Summary of the 563rd Serum Exchange (Serum #1245-1248) by Luminex - class I

Method: Luminex - cont.								
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***		
29 typing Labs			29 typing Labs			29 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B76	83%	100%	B59	31%	100%	B64	69%	75%
B78	83%	100%	A25	28%	100%	Cw12	69%	67%
A34	83%	83%	A29	28%	100%	A25	66%	100%
Cw5	79%	100%	B18	28%	100%	B73	66%	100%
A66	79%	83%	B78	28%	100%	A31	66%	67%
Cw18	72%	100%	A69	24%	100%	A26	59%	100%
A68	69%	100%	B73	24%	100%	Cw1	59%	100%
Cw15	69%	100%	A26	21%	100%	A66	41%	50%
A23	66%	100%	B64	21%	100%	B76	38%	100%
A43	66%	100%	A74	17%	100%	B2708	31%	100%
B67	62%	100%	B37	17%	100%	B55	24%	100%
A69	59%	100%				B7801	24%	100%
B42	52%	100%				B13	21%	100%
A24	48%	100%				Cw403	21%	100%
Cw1	48%	100%				Cw8	21%	100%
Cw12	48%	100%				A68	17%	100%
Cw8	48%	100%				B82	17%	100%
Cw10	45%	100%						
Cw16	45%	100%						
Cw4	45%	100%						
A11	41%	100%						
B39	41%	100%						
Cw7	41%	100%						
A6601	38%	100%						
Cw14	38%	100%						
Cw17	38%	100%						
B7801	34%	100%						
Cw9	34%	100%						
A203	31%	100%						
B82	28%	100%						
Bw4	28%	100%						
Cw2	28%	100%						
A1101	24%	100%						
A6602	24%	100%						
A2403	21%	100%						

Table 20. Summary of the 563rd Serum Exchange (Serum #1245-1248) by C1q - class I

Method: C1q											
*** Serum 1245 ***			*** Serum 1245 ***			*** Serum 1247 ***			*** Serum 1248 ***		
3 typing Labs			1 typing Lab			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B49	100%	100%	no consensus			B35	100%	100%	B51	100%	100%
B50	100%	100%				B46	100%	100%	B52	100%	100%
B51	100%	100%				B49	100%	100%	B63	100%	100%
B52	100%	100%				B50	100%	100%	B78	100%	100%
B53	100%	100%				B52	100%	100%			
B57	100%	100%				B53	100%	100%			
B58	100%	100%				B56	100%	100%			
B63	100%	100%				B57	100%	100%			
B56	67%	100%				B58	100%	100%			
B59	67%	100%				B62	100%	100%			
B62	67%	100%				B63	100%	100%			
B71	67%	100%				B71	100%	100%			
B72	67%	100%				B72	100%	100%			
B77	67%	100%				B75	100%	100%			
Cw6	33%	100%				B77	100%	100%			
						B78	100%	100%			
						Cw15	100%	100%			
						Cw17	100%	100%			
						Cw18	100%	100%			
						Cw2	100%	100%			
						Cw4	100%	100%			
						Cw5	100%	100%			
						Cw6	100%	100%			
						B51	67%	100%			
						Cw10	67%	100%			
						Cw12	67%	100%			
						Cw9	67%	100%			
						B18	33%	100%			
						B37	33%	100%			

Table 21. Summary of the 563rd Serum Exchange (Serum #1245-1248) by NIH-Extended and Flow cytometry - class II

Method: NIH-Extended											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
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 specificities assigned			no consensus			no specificities assigned			no specificities assigned		
Method: Flow Cytometry											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
3 typing Labs			3 typing Labs			3 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no specificities assigned			no specificities assigned			no specificities assigned			DR4	25%	100%

Table 22. Summary of the 563rd Serum Exchange (Serum #1245-1248) by Other and C1q - class II

Method: Other											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
2 typing Labs			2 typing Labs			2 typing Labs			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR1	50%	100%	DQ2	100%	100%	DQ7	100%	100%	no consensus		
			DR8	100%	100%	DQ8	100%	100%			
			DR11	100%	100%	DQ9	100%	100%			
			DR12	100%	100%						
			DR13	100%	100%						
			DR14	100%	100%						
			DR17	100%	100%						
			DR18	100%	100%						
			DR52	100%	100%						

Other = Flow PRA

Method: C1q											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
1 typing Lab			2 typing Labs			2 typing Labs			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no consensus			DR8	100%	100%	DQ7	100%	100%	no consensus		
			DR11	100%	100%						
			DR12	100%	100%						
			DR13	100%	100%						
			DR14	100%	100%						
			DR17	100%	100%						
			DR18	100%	100%						
			DR52	50%	100%						

Table 23. Summary of the 563rd Serum Exchange (Serum #1241-1244) by Luminex - class II

Method: Luminex											
*** Serum 1245 ***			*** Serum 1246 ***			*** Serum 1247 ***			*** Serum 1248 ***		
22 typing Labs			27 typing Labs			26 typing Labs			25 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR1	82%	100%	DQ2	100%	100%	DQ7	100%	100%	DR4	84%	100%
DR103	61%	100%	DR11	100%	100%	DQ8	96%	83%	DR52	20%	100%
DR10	32%	100%	DR12	100%	100%	DQ9	92%	100%	DP28	16%	100%
DR51	25%	100%	DR13	100%	100%	DR52	46%	100%	DPw4	16%	100%
DR9	25%	100%	DR14	100%	100%	DR13	42%	100%	DR16	16%	50%
NEG	18%	100%	DR17	100%	100%	DQA1*03	15%	100%	DR15	16%	33%
DQ5	11%	50%	DR8	100%	100%	DQA1*05	15%	100%	NEG	12%	100%
			DR18	96%	100%	DQA1*06	15%	100%	DP402	12%	100%
			DR52	96%	100%	DR17	15%	100%			
			DP18	93%	100%	DR18	15%	100%			
			DP28	93%	100%	DQ3	12%	100%			
			DPw2	93%	100%						
			DPw3	81%	100%						
			DPw6	81%	100%						
			DP14	81%	100%						
			DP17	81%	100%						
			DP9	78%	100%						
			DP10	67%	100%						
			DP20	63%	100%						
			DQA1*05	63%	100%						
			DR4	63%	100%						
			DPw4	63%	86%						
			DP402	52%	100%						
			DQA1*06	52%	100%						
			DQ4	51%	100%						
			DQA1*04	51%	100%						
			DQ7	51%	60%						
			DR10	30%	100%						
			DR1404	26%	100%						
			DR1403	22%	100%						
			DQA1*03	19%	100%						
			DPA1*01	11%	100%						
			DPA1*04	11%	100%						
			DQ5	11%	100%						

Table 24. Individual laboratory results for Serum #1245-1248 by NIH-Standard and NIH-Extended - class I

		**** Serum 1245 ****				**** Serum 1246 ****				**** Serum 1247 ****						**** Serum 1248 ****				
Ctrl	% POS	B49	B50	Other	% POS			Other	% POS	B35	B51	B52	B53	B57	Other	% POS	B51	B52	Other	Method
786	17	+	+		2				42	+	+	+	+	+		8	+	+		STD

STD = NIH Standard

		**** Serum 1245 ****				**** Serum 1246 ****				**** Serum 1247 ****						**** Serum 1248 ****				
Ctrl	% POS	B49	B50	Other	% POS	B47	B50	Other	% POS	B35	B51	B58			Other	% POS	B51	B52	Other	Method
725	14	+	+	B63,B57	17	+	+		33	+	+	+			B49,B50	8	+			EXT
3753	2				0				29	+	+	+			B52,B53	12	+	+		EXT

Ext - NIH-extended

Table 25. Individual laboratory results for Serum #1245-1248 by Antiglobulin - class I

		**** Serum 1245 ****				**** Serum 1246 ****				**** Serum 1247 ****										**** Serum 1248 ****							
Ctr	% POS	B49	B50	B53	Other	% POS	B49	B50	Other	% POS	B35	B51	B52	B53	B49	B50	B57	B62	B63	B70	Other	% POS	B51	B52	Other	Method	
774	94					89	+	+	B60,B48,B70,B62 >	82	+	+	+	+	+	+	+	+	+	+	+	B44,B75,B56,B58 >	40	+	+	B49,B64,B65,B63 >	Antiglobulin
786	17	+	+	+		7				43	+	+	+	+			+			+		8	+	+		Antiglobulin	
910		+	+	+	B62,B51,B63,B35		+	+	A34,B41		+	+	+	+	+	+							+			Antiglobulin	

Table 25. Individual laboratory results for Serum #1241-1248 by Flow Cytometry and Other - class I

**** Serum 1245 ****														**** Serum 1246 ****															
Ctr	% POS													Other	% POS													Other	Method
3224	100														90														FC
5214	99														95														FC
8067	96														91														FC

**** Serum 1247 ****														**** Serum 1248 ****															
Ctr	% POS													Other	% POS													Other	Method
3224	85														84														FC
5214	96														65														FC
8067	84														61														FC

FC = Flow cytometry

**** Serum 1245 ****														**** Serum 1246 ****															
Ctr	% POS	A2	B35	B49	B50	B52	B53	B57	B58	B62	B63	B71	B72	B75	Other	% POS	A30	A31	A33	B13	B44	B45	B49	B50	B60	B61	B62	Other	Method
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B51,A25,A26 >		+	+	+	+	+	+	+	+	+	+	+	B48,B47,B51,B53 >	Other
3753	76	+	+	+	+	+	+	+	+	+	+	+	+	+	B13,B56,B77	76	+	+	+	+	+	+	+	+	+	+	+		Other

**** Serum 1247 ****														**** Serum 1248 ****														
Ctr	% POS	B35	B49	B50	B51	B52	B53	B57	B58	B62	B63	B71	B72	B75	B78	Other	% POS	B18	B51	B52	B63	B64	B65	B78	Other	Method		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B44,B27,B45 >		+	+	+	+	+	+	+	B49,B13,B75,B38 >	Other		
3753	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+		36	+	+	+	+	+	+	+	A3	Other		

Other = Luminex PRA

Table 26. Individual laboratory results for Serum #1245 by Luminex - class I

		**** Serum 1245 ****																																																	
Center	% POS	A2	A25	A32	B35	B38	B44	B47	B49	B50	B51	B52	B56	B57	B59	B62	B63	B71	B72	B75	B77	A26	B13	B37	B41	B45	B53	B55	B58	B27	B54	Cw6	B46	B60	B61	B76	B78	A34	Other	Method											
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,A66,B67,B*27:05>	LMX										
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,A66,B67,B*27:05>	LMX								
731	52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw403,A23,A68,A43 >	LMX								
774	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B67,Cw5,Cw15 >	LMX								
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A24,A203,B48 >	LMX							
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,A66,B67 >	LMX							
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,Cw5,Cw15,Cw18	LMX							
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A24,A203,B48 >	LMX							
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A24,A66,A*33:03>	LMX							
3632	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A66,B67,A23 >	LMX							
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A24,A66,B67 >	LMX						
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A24,A66 >	LMX						
3808	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A24,A66 >	LMX						
3966	67	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B67,A23,A68 >	LMX					
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A24,B48 >	LMX					
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B67,A23,A68 >	LMX					
5219	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A24,A9>	LMX					
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A66,Cw5,Cw15,A*66:01>	LMX				
6649	58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw403,A24,A203,B82 >	LMX				
8043	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A24,B48 >	LMX				
8045	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A66	LMX				
8048	87	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B40,B67,A23 >	LMX				
8058	76	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A24,A66 >	LMX				
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A66,B67 >	LMX			
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A11,A66,B82 >	LMX		
8086	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,Cw5,Cw15,Cw18	LMX			
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A203,A66,B7801 >	LMX		
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B67,A68,A69 >	LMX		
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw403,A203,B40 >	LMX

Table 29. Individual laboratory results for Serum #1248 by Luminex - class I

		**** Serum 1248 ****																															
Center	% POS	B49	B61	B52	B63	B75	A3	B77	B18	B71	B64	B65	B78	B82	B8	A33	B59	B13	B57	B67	B38	B46	B53	B61	Cw15	Cw5	B68	B42	B37	B7801	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B62,B44,B55,B39,A*33:01>	LMX
725		+	+	+	+	+		+	+	+	+	+	+																			B14	LMX
731	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												+		LMX
774	44	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														LMX
786		+	+	+	+	+	+	+	+	+	+	+	+																			Cw10,B8201	LMX
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B48	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+																		+	B8201,B3901	LMX
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A*33:01,B*13:02,B*57:03	LMX	
3632	79	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B39	LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A*33:01,B*13:02,B*57:03	LMX	
3766	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B39,B8201,B3901	LMX	
3808	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
3966	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B76,B39	LMX	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B48,B62,B44,B55 >	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
5219	11	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B15,B70,B21,B5 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A*33:01,B*13:02,B*57:03	LMX	
6649	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8043	44	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B47,B54,A69,B73 >	LMX	
8045	16	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8048	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B55,B14,B72 >	LMX	
8058	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
8086	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,B14	LMX	

Table 30. Individual laboratory results for Serum #1248 by C1q - class I

		**** Serum 1245 ****														**** Serum 1246 ****				
Ctr	% POS	B49	B50	B51	B52	B53	B57	B58	B63	B56	B59	B62	B71	B72	B77	Other	% POS	Other	Method	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6	NT		C1q	
2400		+	+	+	+	+	+	+	+								NT		C1q	
3632	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+		0		C1q	

		**** Serum 1247 ****																	**** Serum 1248 ****																	
Ctr	% POS	B35	B46	B49	B50	B52	B53	B56	B57	B58	B62	B63	B71	B72	B75	B77	B78	Cw15	Cw17	Cw18	Cw2	Cw4	Cw5	Cw6	B51	Cw10	Cw12	Cw9	Other	% POS	B51	B52	B63	B78	Other	Method
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+		C1q
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	+	+		C1q
3632	83	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B18,B37	13	+	+	+	+		C1q

Table 31. Individual laboratory results for Serum #1248 - 1248 by various methods - class II

**** Serum 1245 ****			**** Serum 1246 ****										**** Serum 1247 ****			**** Serum 1248 ****			
Ctr	% POS	Other	% POS	DR17										% POS	Other	% POS	Other	Method	
3753	2		42	+										44		9		EXT	

Ext = NIH-Extended

**** Serum 1245 ****			**** Serum 1246 ****										**** Serum 1247 ****			**** Serum 1248 ****			
Ctr	% POS	Other	% POS											% POS	DR4	Other	Method		
3224	38		100											75		10	FC		
5214	37		98											61		9	FC		
8062	NT		NT											NT	+		FC		
8067	37		95											71		10	FC		

FC = Flow Cytometry

**** Serum 1245 ****			**** Serum 1246 ****										**** Serum 1247 ****			**** Serum 1248 ****							
Ctr	% POS	DR1	Other	% POS	DQ2	DR11	DR12	DR13	DR14	DR17	DR18	DR52	DR8	Other	% POS	DQ7	DQ8	DQ9	Other	% POS	DR4	Other	Method
2400	NT				+	+	+	+	+	+	+	+	+			+	+	+		NT			Other
3753	13	+		67	+	+	+	+	+	+	+	+	+		47	+	+	+		13	+		Other

Other = Flow PRA

**** Serum 1245 ****			**** Serum 1246 ****										**** Serum 1247 ****			**** Serum 1248 ****							
Ctr	% POS	Other	% POS	DR11	DR12	DR13	DR14	DR17	DR18	DR8				Other	% POS	DQ7			Other	% POS	Other	Method	
2400	NT			+	+	+	+	+	+	+						+				NT			C1q
3632	0		68	+	+	+	+	+	+	+				DR52	26	+				0			C1q

Table 32. Individual laboratory results for Serum #1245 by Luminex - class II

**** Serum 1245 ****										
Center	% POS	DR1	DR103	DR10	DR51	DR9	DR5	DR14	Other	Method
615		+	+	+	+	+	+	+	DQB1*05:01	LMX
731	7	+	+	+		+				LMX
774	0									LMX
910		+	+							LMX
2400	NT									LMX
3224		+	+	+	+	+				LMX
3582		+	+	+	+	+				LMX
3632	19	+	+							LMX
3753		+	+							LMX
3766	22	+	+							LMX
3808	6	+	+	+	+					LMX
3966	11	+	+							LMX
4322		+	+	+	+	+				LMX
5214	NT									LMX
5219	0									LMX
5462		+	+							LMX
6649	3	+	+							LMX
8043	43	+	+	+						LMX
8045	0									LMX
8048	0									LMX
8058	9	+	+	+	+	+	+			LMX
8062										LMX
8082		+	+							LMX
8086	11	+	+	+	+	+	+	+		LMX
8098										LMX
8100	NT									LMX
8103		+								LMX

Table 33. Individual laboratory results for Serum #1246 by Luminex - class II

		**** Serum 1246 ****																																								
Center	% POS	DQ2	DR11	DR12	DR13	DR14	DR17	DR8	DR18	DR52	DP18	DP28	DPw2	DPw3	DPw6	DP14	DP17	DP9	DP10	DP20	DQA1*05	DR4	DPw4	DP402	DQA1*06	DQ4	DQA1*04	DQ7	DR10	DR1404	DR1403	DQA1*03	DPA1*01	DPA1*04	DQ5	DR3	Other	Method				
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									Other DPB1*04:02	LMX			
731	50	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+		+	+	+	+	+	+	+			+											LMX		
774	94	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+											DPB1*04:02, DQA1*05:03, DQA1*05:05, DQA1*06:01, DQB1*05:01	LMX		
3632	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
3808	50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
3966	45	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX	
5219	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
6649	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8043	70	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8045	45	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8048	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8058	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														LMX
8086	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														LMX

Table 34. Individual laboratory results for Serum #1248 - 1248 by Luminex - class II

Center	**** Serum 1247 ****											**** Serum 1248 ****								Method					
	% POS	DQ7	DQ8	DQ9	DR52	DR13	DQA1*03	DQA1*05	DQA1*06	DR17	DR18	DQ3	DR14	Other	% POS	DR4	DR52	DP28	DPw4		DR16	DR15	DP402	DPw2	Other
615		+	+	+	+	+				+	+		+			+									LMX
731	19	+	+	+		+				+	+			DR3,DR1403	9	+		+	+			+			LMX
774	34	+	+	+											0										LMX
910		+	+	+												+									LMX
2400		+	+	+											NT										LMX
3224		+	+	+	+	+										+									LMX
3582			+	+	+											+									LMX
3632	38	+	+	+											29	+				+	+				LMX
3753		+	+	+												+									LMX
3766	54	+	+	+	+										34	+									LMX
3808	18	+	+	+	+										9	+	+	+	+			+			LMX
3966	12	+	+	+			+	+	+						5	+									LMX
4322		+	+	+	+	+	+	+	+							+									LMX
5214		+	+	+																				DP19	LMX
5219	10	+	+	+	+	+							+	DR6		+	+	+	+			+	DP17	LMX	
5462		+	+	+												+									LMX
6649	13	+	+	+	+	+									7	+	+								LMX
8043	30	+													0										LMX
8045	13	+	+	+	+	+									5	+	+								LMX
8048	34	+	+	+			+	+	+						20	+				+	+				LMX
8058	18	+	+	+	+	+				+	+		+		7	+				+	+				LMX
8062		+	+	+	+	+										+									LMX
8082		+	+	+	+	+	+	+	+							+									LMX
8086	12	+	+	+											7	+				+	+				LMX
8098		+	+	+	+	+																			LMX
8100	NT														0										LMX
8103		+	+													+	+	+	+			+	+	DP401	LMX