

## SERUM EXCHANGE #566 FEBRUARY 6, 2019

Sera	1257-1260
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The results for **Serum Exchange 566 (sera 1257 - 1260)**, are summarized in Tables 16 - 23 and individual laboratory results by method are listed

in Tables 24 - 33. Sera positive to B17 (B57, B58), B49, B51, A25, A32, A23, and A24 by NIH, antiglobulin, Luminex, C1q and Luminex PRA. Additional reactivity to B38, B13, B37, B59, B44, as well as reactivity to a number of 5C specificities, was reported by various methods, including Lu-

1257	method	#abs	B58	B57	B49	B51	A25	A32	A23	A24	A2403	B38	B52	B13	B37	B53	B50	B35	B62	B75	B63	B59	B44	B45	B55	B56	
class I	NIH-Std	1	no consensus																								
	NIH-Ext	2	100%	50%	100%	100%	50%	50%	50%	50%		100%	50%	50%	50%	50%											
	AHG	3	33%	33%	33%	33%	67%	100%	67%	67%							33%	33%	33%	33%					33%	33%	
	Luminex	28	96%	96%	93%	93%	96%	96%	93%	93%		93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	93%	86%	86%	93%
	Flow	3	no specificities assigned																								
	C1q	2	100%	100%	100%	100%	100%	100%	100%	100%	50%	100%	100%	100%	100%	100%	50%			50%	100%	100%	100%				
	Other	2	50%	100%	100%	100%	100%	100%	100%	100%			100%	50%		50%	100%	100%	100%	100%	100%	50%	50%	50%			
1257	method	#abs	B70	B71	B72	B77	B27	Bw4	B47	B54	B64	B65	B46	B67	B78	B18	Cw1	Cw14	Cw16	Cw2	Cw4	Cw6	Cw7	Cw8			
	AHG	3	33%					67%																			
	Luminex	28		93%	93%	93%	93%		93%	86%	86%	75%	86%	82%	82%	82%											
	C1q	2				100%	100%		50%				50%														
	Other	2		100%	100%						50%	50%			50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%		

1257	method	#abs	DQ6	DR13	DR12	DQ8	DQ9	DR4	DQA1*03	DQA1*01	DR103	NEG
class II	NIH-Ext	1	no consensus									
	Luminex	25	88%	84%	76%	80%	76%	48%	20%	16%	12%	8%
	Flow	3	no specificities									
	Other	2	100%	100%	50%							

**Serum 1257** was found to be positive to B17 (B57, B58), B49, B51, A25, A32, A23, and A24 by NIH, antiglobulin, Luminex, C1q and Luminex PRA. Additional reactivity to B38, B13, B37, B59, B44, as well as reactivity to a number of 5C specificities, was reported by various methods, including Lu-

minex which reported each with >90% agreement. For class II, reactivity to DQ6, DR12, and DR13 was reported by Luminex and Luminex PRA. Consensus among Luminex labs for the reporting of class II antibodies was <90%, as such this serum was not graded for class II.

1258	method	#abs	B57	B58	A2	Cw7	Cw12	A203	A29	A26	A34	A25	A66	A69	A68	A31	A32	A33	B63	B73	
class I	NIH-Std	1	no consensus																		
	NIH-Ext	2	100%																		
	AHG	3	67%	33%	33%															33%	
	Luminex	28	93%	93%	93%	93%	93%	25%	71%	75%	71%	64%	64%	71%	64%	68%	68%	68%	75%	93%	
	Flow	3	no specificities assigned																		
	C1q	2				100%	100%														
	Other	2	100%	100%	100%	50%			50%	100%	100%	100%	100%	100%	100%	50%	50%	100%			
1258	method	#abs	B46	B76	B62	A43	A74	B77	B75	B13	Cw8	Cw10	Cw9	Cw15	Cw17	Cw16	Cw14	Cw1	Cw18		
	Luminex	28	79%	79%	71%	75%	68%	68%	46%	32%	82%	79%	75%	64%	64%	54%	46%	43%	39%		

1258	method	#abs	DR7	DR9	DQ2	DR53	DQA1*05	DQ9
class II	NIH-Ext	1	no consensus					
	Luminex	26	100%	96%	81%	92%	23%	19%
	Flow	3	no specificities assigned					
	Other	2	100%	100%	50%			

For **serum 1258**, anti-B57 reactivity was reported by NIH, antiglobulin, Luminex, and Luminex PRA. In addition, reactivity to B58, A2, Cw7, and Cw12 was reported by various methods, with Luminex reporting each, along with B57 and B73, with >90% agreement. Additional reactivity to A29, A31, as well as reactivity to a number of 10C specificities, was reported by Luminex

and Luminex PRA. Reactivity to a number of C-locus antigens was also reported by Luminex. Class II reactivity was reported by Luminex and Luminex PRA (DR7, DR9, DQ2). Good agreement (>90%) was achieved among luminex labs in the reporting of anti-DR7, -DR9, and -DR53 reactivity.

1259	method	#abs	B13	B60	B61	B40	B41	B47	B48	B27	B2708	B7	B81	B8101	A66	A6602	B44	B45	B50	B73	B42	Cw2	B55
class I	NIH-Std	1	no consensus																				
	NIH-Ext	2	100%	100%	100%		50%	50%	50%														
	AHG	3	100%	67%	67%		67%	67%	33%	100%		67%	67%		33%		33%	33%	33%		33%		
	Luminex	27	100%	100%	100%	33%	100%	100%	100%	100%	41%	100%	85%	30%	67%	63%	100%	100%	100%	100%	89%	100%	89%
	Flow	3	no specificities																				
	C1q	2	100%	100%	100%		100%	100%	100%	100%	50%	100%	50%	50%	50%	50%				100%			
	Other	1	no consensus																				
1259	method	#abs	B62	B76	B35	B72	B67	B51	B53	B71	B59	B82	B38	B78	B18	B39	Cw17	B77	B52	B75	B56	B37	
	Luminex	27	85%	85%	85%	85%	85%	81%	81%	81%	78%	74%	70%	70%	67%	63%	48%	44%	37%	37%	33%	19%	

1259	method	#abs	DR4	NEG				
class II	NIH-Ext	1	no consensus					
	Luminex	21	57%	43%				
	Flow	3	no specificities assigned					
	Other	1	no consensus					

**Serum 1259** was reported as strongly positive to B13 and B40 (B60, B61) by NIH, antiglobulin, Luminex, and C1q. Each was reported with >90% agreement among Luminex labs. Reactivity to A66 (A6602), B44, B45, B42, as well as reactivity to a number of 7C specificities, was reported by various

methods. No agreement, however, was achieved for the reporting of class II specificities, as 57% of Luminex labs reported anti-DR4 reactivity and 43% reported this serum as class II negative. As result, this sample was not graded for class II.

1260	method	#labs	B60	B61	B40	B41	B48	B81	B8101	B7	A31	A32	A74	B13	B27	B47	B50	B45	B42	B73	B46	A2	A29	A33	
class I	NIH-Std	1	no consensus																						
	NIH-Ext	2	100%	50%		50%	50%	50%																	
	AHG	3	67%	67%	33%	67%	33%	67%		67%	33%	33%	33%	33%	33%	33%	33%	33%			33%				
	Luminex	27	100%	100%		100%	100%	85%	33%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	89%	100%	100%	100%	
	Flow	3	no specificities assigned																						
	C1q	2	100%	100%		100%	100%	50%	50%												100%				
	Other	2	100%	100%		50%	100%	50%		100%	50%	50%	50%	100%	100%	50%	50%		100%			50%	50%	50%	
1260	method	#labs	Cw10	Cw7	A30	Cw9	Cw17	Cw16	B49	B55	B8	B67	B2708	B54	Cw6	Cw2	Cw12	Cw14	Cw1	Cw15	A66	A6602			
	Luminex	27	100%	100%	100%	100%	96%	93%	85%	74%	74%	48%	41%	33%	74%	70%	67%	48%	44%	33%	70%	56%			
	C1q	2	100%			50%																			
	Other	2		50%	50%			50%		50%															

1260	method	#labs	DQ2	DQA1*05	NEG			
class II	NIH-Ext	1	no consensus					
	Luminex	18	56%	33%	28%			
	Flow	3	no specificities assigned					
	Other	1	no consensus					

For **Serum 1260**, reactivity to a number of 7C specificities was reported by various methods, including reactivity to B40 (B60, B61), B48, B81, and B7. Additional reactivity to A31, A32, A74, B45, and reactivity to a number of 5C specificities was also reported, with Luminex reporting each with >90% agreement. C-locus reactivity was reported by Luminex, C1q, and Luminex PRA, with Luminex labs reporting reactivity to Cw10, Cw7, Cw9, Cw17, and

Cw16 with >90% agreement. By contrast, there was a lack of agreement among labs in the reporting of class II reactivity, as 56% of Luminex labs reported anti-DQ2 reactivity, 33% reported anti-DQA1\*05 reactivity, and 28% reported this sample as class II negative. As such, this sample was not graded for class II.

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*Arlene Locke, David Gjertson, Qiheng Zhang, and Elaine F. Reed*

**Table 16. Summary of the 566th Serum Exchange (Serum #1257-1260) by NIH-Standard and NIH-Extended - class I**

Method: NIH-Standard											
<b>*** Serum 1257 ***</b>			<b>*** Serum 1258 ***</b>			<b>*** Serum 1259 ***</b>			<b>*** Serum 1260 ***</b>		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	NT			Antigen	Consensus	Inclusion	NT		
no consensus						no consensus					

Method: NIH-Extended											
<b>*** Serum 1257 ***</b>			<b>*** Serum 1258 ***</b>			<b>*** Serum 1259 ***</b>			<b>*** Serum 1260 ***</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
B38	100%	100%	B57	100%	100%	B13	100%	50%	B60	100%	75%
B49	100%	100%				B60	100%	50%	B41	50%	100%
B58	100%	100%				B61	100%	33%	B48	50%	100%
B51	100%	50%				B48	50%	100%	B61	50%	100%
A24	50%	100%				B41	50%	50%	B81	50%	100%
A32	50%	100%				B47	50%	50%			
B37	50%	100%									
B52	50%	100%									
A23	50%	75%									
A25	50%	67%									
B13	50%	50%									
B53	50%	50%									
B57	50%	50%									

**Table 17. Summary of the 566th Serum Exchange (Serum #1257-1260) by Antiglobulin and Flow Cytometry - class I**

Method: Antiglobulin											
*** Serum 1257 ***			*** Serum 1258 ***			*** Serum 1259 ***			*** Serum 1260 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A32	100%	100%	B57	67%	100%	B13	100%	100%	B41	67%	100%
A23	67%	100%	B58	33%	100%	B27	100%	100%	B60	67%	100%
A24	67%	100%	B63	33%	100%	B41	67%	100%	B61	67%	100%
A25	67%	100%	A2	33%	68%	B47	67%	100%	B7	67%	100%
Bw4	67%	100%				B60	67%	100%	B81	67%	100%
B35	33%	100%				B61	67%	100%	A32	33%	100%
B49	33%	100%				B7	67%	100%	A74	33%	100%
B50	33%	100%				B81	67%	100%	B13	33%	100%
B51	33%	100%				A66	33%	100%	B27	33%	100%
B55	33%	100%				B40	33%	100%	B40	33%	100%
B56	33%	100%				B44	33%	100%	B45	33%	100%
B57	33%	100%				B45	33%	100%	B46	33%	100%
B58	33%	100%				B48	33%	100%	B47	33%	100%
B62	33%	100%				B50	33%	100%	B48	33%	100%
B70	33%	100%				B42	33%	67%	B50	33%	100%
B75	33%	100%							A31	33%	40%

Method: Flow Cytometry											
*** Serum 1257 ***			*** Serum 1258 ***			*** Serum 1259 ***			*** Serum 1260 ***		
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		

**Table 18. Summary of the 566th Serum Exchange (Serum #1257-1260) by Other - class I**

Method: Other											
*** Serum 1257 ***			*** Serum 1258 ***			*** Serum 1259 ***			*** Serum 1260 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A23	100%	100%	A2	100%	100%	B13	100%	100%	B13	100%	100%
A24	100%	100%	A25	100%	100%	B27	100%	100%	B27	100%	100%
A25	100%	100%	A26	100%	100%	B41	100%	100%	B42	100%	100%
A32	100%	100%	A33	100%	100%	B44	100%	100%	B48	100%	100%
B35	100%	100%	A34	100%	100%	B45	100%	100%	B60	100%	100%
B49	100%	100%	A66	100%	100%	B47	100%	100%	B61	100%	100%
B50	100%	100%	A68	100%	100%	B48	100%	100%	B7	100%	100%
B51	100%	100%	A69	100%	100%	B49	100%	100%	A2	50%	100%
B52	100%	100%	B57	100%	100%	B50	100%	100%	A29	50%	100%
B57	100%	100%	B58	100%	100%	B60	100%	100%	A30	50%	100%
B62	100%	100%	A29	50%	100%	B61	100%	100%	A31	50%	100%
B63	100%	100%	A31	50%	100%	B7	100%	100%	A32	50%	100%
B71	100%	100%	A32	50%	100%	B81	100%	100%	A33	50%	100%
B72	100%	100%	Cw7	50%	100%	B82	100%	100%	A74	50%	100%
B75	100%	100%				B35	50%	100%	B41	50%	100%
B13	50%	100%				B39	50%	100%	B47	50%	100%
B18	50%	100%				B42	50%	100%	B50	50%	100%
B44	50%	100%				B51	50%	100%	B55	50%	100%
B45	50%	100%				B55	50%	100%	B81	50%	100%
B53	50%	100%				B67	50%	100%	Cw16	50%	100%
B58	50%	100%				B71	50%	100%	Cw7	50%	100%
B59	50%	100%				B72	50%	100%			
B64	50%	100%				B73	50%	100%			
B65	50%	100%				Cw2	50%	100%			
B78	50%	100%									

Other = Luminex PRA

**Table 19. Summary of the 566<sup>th</sup> Serum Exchange (Serum #1257-1260) by Luminex - class I**

Method: Luminex											
*** Serum 1257 ***			*** Serum 1258 ***			*** Serum 1259 ***			*** Serum 1260 ***		
28 typing Labs			28 typing Labs			27 typing Labs			27 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A25	96%	100%	A2	93%	100%	B13	100%	100%	A2	100%	100%
A32	96%	100%	B57	93%	100%	B27	100%	100%	A29	100%	100%
B57	96%	100%	B58	93%	100%	B41	100%	100%	A31	100%	100%
B58	96%	100%	B73	93%	100%	B44	100%	100%	A32	100%	100%
A23	93%	100%	Cw7	93%	50%	B45	100%	100%	A33	100%	100%
A24	93%	100%	Cw12	93%	33%	B47	100%	100%	A74	100%	100%
B13	93%	100%	Cw8	82%	54%	B48	100%	100%	B13	100%	100%
B35	93%	100%	B46	79%	100%	B49	100%	100%	B27	100%	100%
B37	93%	100%	B76	79%	100%	B50	100%	100%	B41	100%	100%
B38	93%	100%	Cw10	79%	40%	B60	100%	100%	B42	100%	100%
B44	93%	100%	A26	75%	100%	B61	100%	100%	B45	100%	100%
B47	93%	100%	A43	75%	100%	B7	100%	100%	B47	100%	100%
B49	93%	100%	B63	75%	100%	B73	100%	100%	B48	100%	100%
B50	93%	100%	Cw9	75%	100%	Cw2	100%	62%	B50	100%	100%
B51	93%	100%	A29	71%	100%	B42	89%	50%	B60	100%	100%
B52	93%	100%	A34	71%	100%	B55	89%	50%	B61	100%	100%
B53	93%	100%	A69	71%	100%	B62	85%	100%	B7	100%	100%
B56	93%	100%	B62	71%	100%	B76	85%	100%	B73	100%	100%
B59	93%	100%	A31	68%	100%	B81	85%	100%	Cw10	100%	92%
B62	93%	100%	A32	68%	100%	B35	85%	75%	Cw7	100%	91%
B63	93%	100%	A33	68%	100%	B67	85%	67%	A30	100%	88%
B72	93%	100%	A74	68%	100%	B72	85%	67%	Cw9	100%	75%
B75	93%	100%	B77	68%	100%	B51	81%	100%	Cw17	96%	100%
B77	93%	100%	A25	64%	100%	B53	81%	100%	Cw16	93%	100%
B27	93%	80%	A66	64%	100%	B71	81%	50%	B46	89%	67%
B71	93%	67%	A68	64%	100%	B59	78%	50%	B49	85%	100%
B54	86%	100%	Cw15	64%	100%	B82	74%	0%	B81	85%	100%
B55	86%	100%	Cw17	64%	100%	B38	70%	100%	B55	74%	100%
B64	86%	100%	Cw16	54%	100%	B78	70%	100%	Cw8	74%	100%
B45	86%	50%	B75	46%	100%	B18	67%	100%	B8	74%	75%
B46	86%	50%	Cw14	46%	100%	A66	67%	50%	Cw2	70%	100%
B67	82%	100%	Cw1	43%	100%	A6602	63%	100%	A66	70%	67%
B78	82%	100%	Cw18	39%	100%	B39	63%	100%	Cw12	67%	100%
B18	82%	75%	B13	32%	100%	Cw17	48%	100%	A6602	56%	100%
B65	75%	100%	A203	25%	100%	B77	44%	100%	B67	48%	100%



**Table 19. Summary of the 566<sup>th</sup> Serum Exchange (Serum #1257-1260) by Luminex - class I**

<b>Method: Luminex - cont.</b>											
<b>*** Serum 1257 ***</b>			<b>*** Serum 1258 ***</b>			<b>*** Serum 1259 ***</b>			<b>*** Serum 1260 ***</b>		
28 typing Labs			28 typing Labs			27 typing Labs			27 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B39	71%	50%	A6601	25%	100%	B2708	41%	100%	Cw14	48%	100%
Bw4	46%	100%	A6602	21%	100%	B52	37%	100%	Cw1	44%	100%
B41	39%	100%				B75	37%	100%	B2708	41%	100%
A2403	36%	100%				B56	33%	100%	B54	33%	100%
B3901	21%	100%				B8101	30%	100%	B8101	33%	100%
B2708	18%	100%				B37	19%	100%	Cw15	33%	100%
B7801	18%	100%							A203	26%	100%
B8	18%	100%							A36	26%	100%
									A69	26%	100%
									B62	26%	100%
									B72	26%	100%
									A68	22%	100%
									B56	22%	100%
									B39	19%	100%
									B57	19%	100%
									B703	19%	100%

**Table 20. Summary of the 566<sup>th</sup> Serum Exchange (Serum #1257-1260) by C1q - class I**

Method: C1q											
*** Serum 1257 ***			*** Serum 1258 ***			*** Serum 1259 ***			*** Serum 1260 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A23	100%	100%	Cw12	100%	100%	B13	100%	100%	B41	100%	100%
A24	100%	100%	Cw7	100%	100%	B27	100%	100%	B48	100%	100%
A25	100%	100%				B41	100%	100%	B60	100%	100%
A32	100%	100%				B47	100%	100%	B61	100%	100%
B13	100%	100%				B48	100%	100%	B73	100%	100%
B27	100%	100%				B60	100%	100%	Cw10	100%	100%
B37	100%	100%				B61	100%	100%	B81	50%	100%
B38	100%	100%				B7	100%	100%	B8101	50%	100%
B44	100%	100%				B73	100%	100%	Cw9	50%	100%
B49	100%	100%				A66	50%	100%			
B51	100%	100%				A6602	50%	100%			
B52	100%	100%				B2708	50%	100%			
B53	100%	100%				B81	50%	100%			
B57	100%	100%				B8101	50%	100%			
B58	100%	100%									
B59	100%	100%									
B63	100%	100%									
B77	100%	100%									
A2403	50%	100%									
B46	50%	100%									
B47	50%	100%									
B50	50%	100%									
B75	50%	100%									
Cw1	50%	100%									
Cw14	50%	100%									
Cw16	50%	100%									
Cw2	50%	100%									
Cw4	50%	100%									
Cw6	50%	100%									
Cw7	50%	100%									
Cw8	50%	100%									

**Table 21. Summary of the 566<sup>th</sup> Serum Exchange (Serum #1257-1260) by NIH-Extended and Flow Cytometry- class II**

Method: NIH-Extended											
<b>*** Serum 1257 ***</b>			<b>*** Serum 1258 ***</b>			<b>*** Serum 1259 ***</b>			<b>*** Serum 1260 ***</b>		
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		

Method: Flow Cytometry											
<b>*** Serum 1257 ***</b>			<b>*** Serum 1258 ***</b>			<b>*** Serum 1259 ***</b>			<b>*** Serum 1260 ***</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
no specificities assigned			no specificities assigned			no specificities assigned			NEG	100%	100%

**Table 22. Summary of the 566<sup>th</sup> Serum Exchange (Serum #1257-1260) by Other - class II**

Method: Other											
<b>*** Serum 1257 ***</b>			<b>*** Serum 1258 ***</b>			<b>*** Serum 1259 ***</b>			<b>*** Serum 1260 ***</b>		
2 typing Labs			2 typing Labs			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ6	100%	100%	DR7	100%	100%	no consensus			no consensus		
DR13	100%	100%	DR9	100%	100%						
DR12	50%	100%	DQ2	50%	100%						

Other = Luminex PRA

**Table 23. Summary of the 566<sup>th</sup> Serum Exchange (Serum #1257-1260) by Luminex - class II**

Method: Luminex											
*** Serum 1257 ***			*** Serum 1258 ***			*** Serum 1259 ***			*** Serum 1260 ***		
25 typing Labs			26 typing Labs			21 typing Labs			18 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ6	88%	83%	DR7	100%	100%	DR4	57%	100%	DQ2	56%	20%
DR13	84%	100%	DR9	96%	100%	NEG	43%	100%	DQA1*05	33%	100%
DQ8	80%	33%	DR53	92%	100%				NEG	28%	100%
DR12	76%	50%	DQ2	81%	100%						
DQ9	76%	33%	DQA1*05	23%	100%						
DR4	48%	20%	DQ9	19%	100%						
DQA1*03	20%	100%									
DQA1*01	16%	100%									
DR103	12%	100%									
NEG	8%	100%									

**Table 24. Individual laboratory results for Serum #1257 - 1260 by NIH-Standard and NIH-Extended - class I**

		**** Serum 1257 ****							**** Serum 1258 ****			**** Serum 1259 ****						**** Serum 1260 ****						
Ctr	% POS	B17						Other	% POS		Other	% POS	B40					Other	% POS				Other	Method
786	8	+							NT			8	+						NT					STD

STD = NIH-Standard

		**** Serum 1257 ****							**** Serum 1258 ****			**** Serum 1259 ****						**** Serum 1260 ****						
Ctr	% POS	B38	B49	B58	B51	A24	A32	Other	% POS	B57	Other	% POS	B13	B60	B61	B48	B41	Other	% POS	B60	B41	B48	Other	Method
725	46	+	+	+	+			B57,B53,A25,A23 >	7	+		19	+	+	+		+	B47	8	+				EXT
3753	54	+	+	+	+	+	+	B52	6	+		20	+	+	+	+			25	+	+	+	B61,B81	EXT

EXT = NIH-Extended

**Table 25. Individual laboratory results for Serum #1257 - 1260 by Antiglobulin and Flow Cytometry - class I**

		**** Serum 1257 ****										**** Serum 1258 ****					**** Serum 1259 ****										**** Serum 1260 ****														
Ctr	% POS	A32	A23	A24	A25	Bw4	B35	B49	B50	Other	% POS	B57	B58	B63	A2	Other	% POS	B13	B27	B41	B47	B60	B61	B7	B81	A66	B40	B44	Other	% POS	B41	B60	B61	B7	B81	A32	A74	B13	Other	Method	
774	92	+	+	+	+	+	+		+	B70,B62,B75>	38	+	+	+	+		62	+	+	+	+	+	+	+	+	+		+		B48,B50>	76	+	+	+	+	+	+	+	+	B48,B50>	Antiglobulin
786	33	+						+		B51,B57,B58							29	+	+								+			8									B40	Antiglobulin	
910		+	+	+	+	+						+						+	+	+	+	+	+	+	+															Antiglobulin	

		**** Serum 1257 ****										**** Serum 1258 ****					**** Serum 1259 ****										**** Serum 1260 ****												
Ctr	% POS									Other	% POS				Other	% POS													Other	% POS							Other	Method	
3224	92										95					95													95										FC
5214	85										67					92													80										FC
8067	84										63					91													86										FC

FC = Flow Cytometry

**Table 26. Individual laboratory results for Serum #1257 - 1260 by Other - class I**

**** Serum 1257 ****															**** Serum 1258 ****															
Ctr	% POS	A23	A24	A25	A32	B35	B49	B50	B51	B52	B57	B62	B63	B71	B72	B75	Other	% POS	A2	A25	A26	A33	A34	A66	A68	A69	B57	B58	Other	Method
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B53,B64,B65 >		+	+	+	+	+	+	+	+	+	+	Cw7	Other
3753	90	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B13,B44,B45	80	+	+	+	+	+	+	+	+	+	+	A29,A31,A32	Other

**** Serum 1259 ****															**** Serum 1260 ****														
Ctr	% POS	B13	B27	B41	B44	B45	B47	B48	B49	B50	B60	B61	B7	B81		Other	% POS	B13	B27	B42	B48	B60	B61	B7				Other	Method
2400		+	+	+	+	+	+	+	+	+	+	+	+	+		B51,B82,B55,B67 >		+	+	+	+	+	+	+				A2,A29,A30,A31 >	Other
3753	74	+	+	+	+	+	+	+	+	+	+	+	+	+		B82,B42	74	+	+	+	+	+	+	+				B50,B47,B55,B41 >	Other

Other = Luminex PRA



**Table 27. Individual laboratory results for Serum #1257 by Luminex - class I**

		**** Serum 1257 ****																																						
Ctr	% POS	A25	A32	B57	B58	A23	A24	B13	B35	B37	B38	B44	B47	B49	B50	B51	B52	B53	B56	B59	B62	B63	B72	B75	B77	B27	B71	B54	B55	B64	B45	B46	B67	B78	B18	B65	B39	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,B8	LMX	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										A2403	LMX	
774	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4	LMX	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,A2403,B2708	LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4	LMX	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,A2403,B2708,B7801	LMX	
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B76,B41,B8,A2403 >	LMX	
3632	92	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,Bw4	LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,Bw4	LMX
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,B8,A2403,B2708 >	LMX	
3808	28	+	+	+	+																																A2,A66,A26,A34 >	LMX		
3966	44	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B76	LMX	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,B8,Bw4,Cw18	LMX
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,Bw4	LMX
5219	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A9,B15,B70,B21 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2403,B7801,B3901,Bw4	LMX	
6649	44	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B82,Bw4	LMX	
8045	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B82,A2403	LMX	
8048	57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4,A2403,B7801,B3901	LMX	
8058	100																																						LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B76,B41,B42,B8 >	LMX
8086	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,Bw4	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4,B5C,B8C	LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,B82,B14,Bw4 >	LMX

**Table 28. Individual laboratory results for Serum #1258 by Luminex - class I**

		**** Serum 1258 ****																																	
Ctr	% POS	A2	B57	B58	B73	Cw7	Cw12	Cw8	B46	B76	Cw10	A26	A43	B63	Cw9	A29	A34	A69	B62	A31	A32	A33	A74	B77	A25	A66	A68	Cw15	Cw17	Cw16	B75	Cw14	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B13,Cw1,Cw18,B*15:02	LMX	
725		+	+	+	+	+	+																												LMX
774	36	+	+	+	+	+	+	+	+	+	+																								LMX
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	A203,B13,Cw1,Cw18 >	LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+	+				+			LMX	
1647		+	+	+	+	+	+	+	+	+	+				+													+							LMX
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+		+		+							LMX
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	A203,Cw1,Cw18,A6601 >	LMX
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B13,Cw1,Cw18,A6601,B*15:02>	LMX
3632	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B13	LMX
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw1,Cw18	LMX
3766	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B13,Cw1,Cw18,A6601 >	LMX
3808	0																																	LMX	
3966	45	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,B13,Cw1,Cw18	LMX
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,B15,B13,Cw1 >	LMX
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX
5219	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			A203,B15,A10,B82 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+			+	+				+								+	+					A203	LMX	
6649	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78	LMX
8045	27	+	+	+	+	+	+					+	+			+	+	+		+	+	+	+			+	+						A203	LMX	
8048	33	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+				A203,A6601,A6602	LMX	
8058	NT																																	LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B13,Cw1,Cw18	LMX
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,B13,Cw1,Cw18	LMX
8086	10	+	+	+	+	+	+	+	+																										LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw1,Cw18	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw1,A1C	LMX
8103		+	+	+	+	+	+					+	+	+								+	+			+	+							A203,B15,A6601	LMX

**Table 29. Individual laboratory results for Serum #1259 by Luminex - class I**

		**** Serum 1259 ****																																						
Ctr	% POS	B13	B27	B41	B44	B45	B47	B48	B49	B50	B60	B61	B7	B73	Cw2	B42	B55	B62	B76	B81	B35	B67	B72	B51	B53	B71	B59	B82	B38	B78	B18	A66	A6602	B39	Cw17	B77	Other	Method		
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,A*66:02	LMX		
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703,B2708	LMX		
774	62	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B8101 >	LMX		
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B8101 >	LMX		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B8101 >	LMX	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B8101 >	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B8101 >	LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101,B2708,B7801,B8201	LMX	
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B2708 >	LMX	
3632	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B37	LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B37	LMX
3766	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B37 >	LMX	
3808	21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703,B8101,B2708	LMX	
3966	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,B37	LMX	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,B52,B75,B56 >	LMX
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,B52,B75,B56 >	LMX
5219	21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw6,Cw403,A11 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101,B2708,B8201,A*66:02	LMX	
6649	21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101,B2708,B8201,A*66:02	LMX	
8045	21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703,B2708	LMX	
8048	29	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101,B2708,B7801,B8201 >	LMX	
8058	NT																																					B75	LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B75	LMX
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,Cw10 >	LMX
8086	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B75,B56,Cw10 >	LMX	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B56	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B12C	LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15,B70,B52 >	LMX

**Table 30. Individual laboratory results for Serum #1260 by Luminex - class I**

		**** Serum 1260 ****																																			
Ctr	% POS	A2	A29	A31	A32	A33	A74	B13	B27	B41	B42	B45	B47	B48	B50	B60	B61	B7	B73	Cw10	Cw7	A30	Cw9	Cw17	Cw16	B46	B49	B81	B55	Cw8	B8	Cw2	A66	Other	Method		
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B54,B56,B67,Cw1,A*30:01>	LMX	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703,Cw12,B2708	LMX	
774	84	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B62,B54,B56 >	LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw12	LMX	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A6602	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw12	LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B54,B67,B72 >	LMX	
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62,B54,B56,B67 >	LMX	
3632	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62,B54,B56,B67 >	LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B67,Cw12,A6602,A*30:01	LMX	
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62,B54,B56,B67 >	LMX	
3808	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703,B8101,B2708,A6602	LMX	
3966	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B54,Cw12	LMX	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62,B54,B67,A68 >	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B67	LMX	
5219	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A203,B40,B21 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B8101,B2708,A6602	LMX	
6649	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A36	LMX	
8045	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B703,B2708	LMX	
8048	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B62,B54,B72 >	LMX	
8058	NT																																			LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B67,Cw1,Cw14,Cw12 >	LMX	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62,B54,B56,B67 >	LMX	
8086	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B67,A69,A36,Cw1 >	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B67,Cw1,Cw14,Cw12 >	LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B40,B703,B8101 >	LMX

**Table 31. Individual laboratory results for Serum #1257 - 1260 by C1q - class I**

Ctr	**** Serum 1257 ****															**** Serum 1258 ****				**** Serum 1259 ****										**** Serum 1260 ****						Method										
	% POS	A23	A24	A25	A32	B13	B27	B37	B38	B44	B49	B51	B52	B53	B57	B58	B59	B63	B77	Other	% POS	Cw12	Cw7	Other	% POS	B13	B27	B41	B47	B48	B60	B61	B7	B73	Other		% POS	B41	B48	B60	B61	B73	Cw10	Other		
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw6,B50>		+	+			+	+	+	+	+	+	+	+	+	+	+	B8101,B2708		+	+	+	+	+	+	B8101	C1q
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			+	+	+	+	+	+	+	+	+	+	A66,B81		+	+	+	+	+	+	B81,Cw9	C1q	

**Table 32. Individual laboratory results for Serum #1257 - 1260 by NIH-Extended, Flow Cytometry and Other - class II**

Ctr	**** Serum 1257 ****					**** Serum 1258 ****					**** Serum 1259 ****					**** Serum 1260 ****					Method
	% POS				Other	% POS				Other	% POS				Other	% POS				Other	
3753	56					16					29					47					EXT

EXT = NIH-Extended

Ctr	**** Serum 1257 ****					**** Serum 1258 ****					**** Serum 1259 ****					**** Serum 1260 ****					Method
	% POS				Other	% POS				Other	% POS				Other	% POS				Other	
3224	49					64					29					0					FC
5214	33					28					10					0					FC
8067	35					25					9					0					FC

FC = Flow Cytometry

Ctr	**** Serum 1257 ****					**** Serum 1258 ****					**** Serum 1259 ****					**** Serum 1260 ****					Method
	% POS	DQ6	DR13	DR12	Other	% POS	DR7	DR9	DQ2	Other	% POS	DR4			Other	% POS				Other	
2400		+	+	+			+	+			NT					NT					Other
3753	37	+	+			33	+	+	+		13	+				0					Other

Other = Luminex PRA

**Table 33. Individual laboratory results for Serum #1257 -1260 by Luminex - class II**

Ctr	**** Serum 1257 ****										**** Serum 1258 ****							**** Serum 1259 ****			**** Serum 1260 ****				Method	
	% POS	DQ6	DR13	DQ8	DR12	DQ9	DR4	DQA1*03	DQA1*01	Other	% POS	DR7	DR9	DR53	DQ2	DQA1*05	DQ9	Other	% POS	DR4	Other	% POS	DQ2	DQA1*05		Other
615		+	+	+	+	+	+			DR103, DRB1*12:01, DRB1*04:02		+	+	+	+					+			+	+	DR8,DR13,DR14, DQA1*05:01	LMX
774	20										23	+							0			0				LMX
910		+	+	+		+						+	+	+	+											LMX
1647		+	+	+	+	+				DPA1*01,DPA1*03		+	+	+		+				+						LMX
2400		+	+	+	+	+						+	+	+	+		+									LMX
3224		+	+	+	+	+						+	+	+	+					+						LMX
3582		+	+	+	+	+	+	+	+	DR103, DQA1*01:03, DRB1*12:01, DQA1*03:02, DRB1*04:02		+	+	+	+	+	DQA1*05:01			+	DRB1*04:04, DRB1*04:01			+	DQA1*05:01	LMX
3632	49	+	+	+	+	+	+	+			64	+	+	+	+		+		0			37	+			LMX
3753		+	+	+	+	+				DRB1*12:01		+	+	+	+					+			+			LMX
3766	69	+	+	+	+	+	+			DRB1*13:01, DRB1*04:02	63	+	+	+	+	+		DQA1*05:01/ DQB1*02:01	34	+		32	+	+	DQA1*05:01/ DQB1*02:01	LMX
3808	0										2	+	+	+					0			0				LMX
3966	18	+	+	+	+	+	+	+	+			+	+	+	+	+										LMX
4322		+	+	+	+	+	+	+	+			+	+	+	+	+	DQA1*04			+				+		LMX
5214		+	+	+		+						+	+	+	+		+				weak DR4					LMX
5219	2	+		+							2	+	+	+	+				0			0				LMX
5462		+	+	+	+	+				DRB1*12:01		+	+	+	+					0			+			LMX
6649	7	+	+		+						5	+	+	+	+					3	+		0			LMX
8045	0										2	+	+							0			0			LMX
8048	20	+	+		+		+	+			6	+	+	+	+		+			0			1	+		LMX
8058	100	+	+	+	+	+	+				100	+	+	+	+		+			100	+		100	+		LMX
8062		+	+	+	+	+	+					+	+	+	+					NT			NT			LMX
8082		+	+	+	+	+	+	+	+	DR103		+	+	+	+	+				+			+	+	DR8,DR13,DR14	LMX
8086	12	+	+	+	+	+	+				11	+	+	+	+					0			1	+		LMX
8090		+	+	+	+	+						+	+	+	+					0				+		LMX
8100		+	+	+	+	+	+					+	+	+	+						+			+		LMX
8103												+	+	+							+					LMX