

SERUM EXCHANGE #567 FEBRUARY 6, 2019

Sera	1261-1264
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The results for **Serum Exchange 567 (sera 1261 - 1264)**, are summarized in Tables 34 - 40 and individual laboratory results by method are listed

in Tables 41 - 53. Sera positive to A2, A28 (A68, A69), B14 (B64, B65), and 8C specificities were examined in this study.

1261	method	#abs	B64	B65	B14	B18	B8	B46	B38	A33	B51	B52	B78	B39	B3901	A34	A68	B67	B59	Cw1
class I	NIH-Std	1	no consensus																	
	NIH-Ext	2	50%	50%	50%															
	AHG	3	67%	67%	33%	33%	33%	33%												
	Luminex	27	100%	100%		100%	100%	100%	100%	100%	100%	96%	85%	78%	30%	78%	63%	59%	52%	81%
	Flow	3	no specificities assigned																	
	C1q	2	100%	100%			100%	50%												100%
	Other	2	100%	100%		100%	100%		50%	50%	100%	50%	100%	50%		50%	50%	50%	50%	50%
1261	method	#abs	Cw2	Cw8	Cw6	Cw7	Cw12	Cw5	Cw16	B37	A69	B54	B73	Cw10	B42	B55	Cw9	A80	B71	A43
	Luminex	27	74%	70%	70%	41%	70%	70%	93%	93%	67%	78%	67%	63%	52%	48%	44%	41%	33%	26%
	C1q	2	100%		50%	50%	100%													
	Other	2		50%																

1261	method	#abs	DR7	DR9	DR11	DR12	DR13	DR14	DR17	DR52	DR8	DR1	DR18	DR4	DQ7	DQA1*04	DQA1*05	DQA1*06	DQ2	DR1403	DR1404	DQ4
class II	NIH-Ext	1	no specificities assigned																			
	Luminex	25	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	96%	88%	100%	76%	76%	48%	24%	20%	20%	20%
	Flow	3	no specificities assigned																			
	C1q	1	no consensus																			
	Other	2	100%	100%	100%	100%	100%	100%	100%	100%	50%	100%	100%	50%	50%							

Serum 1261 was found to be positive to B14 (B64, B65) by all methods. Additional reactivity to B8, B18, B46, B38, A33, B51, and B52 was reported by various methods, with Luminex reporting each with >90% agreement. C-locus reactivity was also reported by C1q, Luminex, and Luminex

PRA. Class II reactivity in this cell was strong, as Luminex and PRA reported reactivity to a number of DR specificities, including, but not limited to, DR7, DR9, DR11, DR12, DR13, DR14, DR17, DR52, DR1, and DR18. Each were reported with >90% agreement among Luminex labs.

1262	method	#abs	A2	A68	A69	A33	A28	A24	A2403	A25	A26	A10	A34	A66	A6601	A6602	A36	A11	A1101	A1102	B38	B39	B3901	B64	B35	B46	B49	B50	
class I	NIH-Std	1	no consensus																										
	NIH-Ext	2					50%																						
	AHG	3	100%	67%	33%	67%	67%				67%	33%	67%				33%				33%	33%					33%	33%	33%
	Luminex	27	100%	100%	100%	100%		100%	30%	100%	100%		100%	81%	30%	30%	93%	85%	22%	26%	100%	85%	30%	100%	100%	100%	100%	100%	
	Flow	3	no consensus																										
	C1q	2	100%	100%	100%	100%				100%	50%		100%	50%	50%	50%													
	Other	2	100%	100%	100%	50%		50%		100%	100%		100%	100%				50%						50%	50%				
1262	method	#abs	B75	B51	B52	B18	B53	B54	B56	B62	B63	B65	B71	B72	B77	B8	A1	A3	B59	B78	B7801	Cw10	Cw9	A43	A74	A203	B41	B57	
	AHG	3	33%	33%																									
	Luminex	23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	93%	89%	85%	22%	81%	78%	74%	41%	33%	30%	26%	
	C1q	2									50%															50%			
	Other	2		50%	50%	50%	50%	50%	50%																				

1262	method	#abs	DR10	DR4	DR9	DQ4	DQ8	DQ9	DR53	DR14	DR1	DR7	DQ7	DQ2	DQA1*02	DQA1*03	DQA1*06	DQA1*04	DQA1*05	DR1404
class II	NIH-Ext	1	no specificities assigned																	
	Luminex	25	100%	100%	100%	96%	96%	96%	96%	92%	80%	76%	44%	76%	72%	72%	64%	48%	40%	24%
	Flow	3	no specificities assigned																	
	C1q	1	no consensus																	
	Other	2	100%	100%	100%	50%	50%	100%	50%	50%	50%	50%	50%							

For **Serum 1262**, reactivity to A2 and A28 (A68, A69), along with reactivity to a number of 10C, 8C, and 5C specificities, was reported by various methods. Agreement among Luminex labs was >90% for each specificity reported. Allele specific A*24:03, A*66:01, A*66:02, A*11:01, A*11:02, and B*39:01 reactivity was reported by some labs. For class II, Luminex and Lu-

minex PRA each reported reactivity to a number of DR and DQ specificities, with Luminex reporting reactivity to DR10, DR4, DR9, DQ4, DQ8, DQ9, DR53, and DR14, with >90% agreement. Additional reactivity to DQA1*02, DQA1*03, DQA1*04, DQA1*05, and DQA1*06 was reported by a number of Luminex labs.

1263	method	#abs	A29	A26	A33	A3	A30	A31	A32	A68	A11	A1101	A1102	A43	A34	A25	A66	A6601	A6602	
class I	NIH-Std	1	no consensus																	
	NIH-Ext	2	100%	50%																
	AHG	3	100%	33%	33%	33%	33%	33%	33%	33%	33%									
	Luminex	27	96%	96%	96%	96%	93%	93%	89%	93%	78%	22%	22%	96%	96%	89%	78%	30%	30%	
	Flow	3	no specificities assigned																	
	C1q	2	100%											100%						
	Other	2	100%	100%	100%	100%	100%	100%	50%	50%	100%				100%	100%	100%			
1263	method	#abs	A1	A80	A36	A69	A28	A74	A23	B44	B45	B82	Cw7	Cw14	Cw16	Cw2	Cw4	Cw6		
	AHG	3		33%			33%						33%							
	Luminex	27	93%	93%	96%	74%		93%	59%	52%	30%	19%								
	C1q	2											50%	50%	50%	50%	50%	50%		
	Other	2	100%		50%	50%														

1263	method	#abs	DR7	DR9	DQ2	DR53	DQA1*05	
class II	NIH-Ext	1	no specificities assigned					
	Luminex	25	100%	100%	56%	92%	24%	
	Flow	3	no specificities assigned					
	C1q	1	NT					
	Other	2	100%	100%	50%			

Serum 1263 was reported as positive to A29 by all method. Additional reactivity to A26, A68, as well as reactivity to a number of 1C and 10C specificities, was reported by various methods. Reactivity to A29, A26, A33, A3, A30, A31, A68, A43, A34, A1, A80, and A36 was reported by >90% of

Luminex labs. Reactivity to DR7, DR9, and DQ2 was reported by Luminex and Luminex PRA, with Luminex reporting each with >90% agreement. Anti-DR53 reactivity was also reported by Luminex with >90% agreement.

1264	method	#abs	B18	B64	B65	B8	B7	B73	B27	B37	A3	B57	B58	Cw7	B78	B7801	B51	A33	Cw18				
class I	NIH-Std	1	no consensus																				
	NIH-Ext	2	50%																				
	AHG	3	67%	100%	100%	100%	33%		33%	33%	33%												
	Luminex	27	100%	100%	100%	100%	96%	93%	63%	85%	100%	100%	100%	100%	93%	22%	93%	74%	74%				
	Flow	3	no specificities assigned																				
	C1q	2	100%	100%	100%	100%		50%															
	Other	2	100%	100%	100%	100%	100%			50%		100%	100%				100%	50%					
1264	method	#abs	B55	B64	B42	B52	A32	A66	A6601	B59	B56	B67	B76	A74	B81	B61	B75	Cw12	Cw6	Cw1	Cw8	Cw4	
	Luminex	27	74%	70%	70%	70%	63%	37%	19%	70%		59%	59%	56%	52%	41%	33%	67%	48%	41%	37%		
	C1q	2																				50%	
	Other	2	50%	50%	50%	50%	50%	50%			50%												

For **Serum 1264**, anti-B18 and -B14(B64, B65) reactivity was reported. Additional reactivity to B7, B8, B73, B27, B37, A3, B57, B58, B78, and B51 was reported by various methods, with Luminex reporting each with >90% agreement. Anti-Cw7 reactivity was also reported by Luminex with good agreement (100%).

1264	method	#abs	DQ2	DQ5	DQ6	DR1	DR10	DR11	DR12	DR15	DR16	DR51	DR7	DR8	DR9	DR103	DR13	DR52	
class II	NIH-Ext	1	no specificities assigned																
	Luminex	25	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	88%	84%	
	Flow	3	no specificities assigned																
	C1q	1	no consensus																
	Other	2	100%	100%	100%	100%	100%	50%	100%	100%	100%	50%	50%	100%	100%	100%	50%	50%	
1264	method	#abs	DR14	DQ4	DQ9	DQA1*02	DP17	DQA1*04	DQA1*01	DQA1*06	DQA1*03	DQ7	DQ8	DR4	DR1404	DQA1*05	DR1403		
	Luminex	25	68%	64%	36%	68%	56%	48%	40%	40%	36%	28%	28%	28%	24%	20%	20%		
	Other	2	50%	50%	50%														

For class II, DQ (DQ2, DQ5, DQ6) reactivity, along with reactivity to a number of DR antigens was reported by Luminex and Luminex PRA. Good agreement (>90% consensus) was achieved among Luminex labs in the reporting of a number of specificities, including DQ2, DQ5, DQ6, DR1, DR10, DR11, DR12, DR15, and DR16. DQA1 (DQA1*02, DQA1*04, DQA1*01, DQA1*06, DQA1*03) reactivity was also reported by some labs.

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Table 34. Summary of the 567th Serum Exchange (Serum #1261-1264) by NIH-Standard and NIH-Extended - class I

Method: NIH-Standard											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
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: NIH-Extended											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B14	50%	100%	A28	50%	88%	A29	100%	100%	B18	50%	100%
B64	50%	100%				A26	50%	75%			
B65	50%	100%									

Table 35. Summary of the 567th Serum Exchange (Serum #1261-1264) by Antiglobulin and Flow Cytometry- class I

Method: Antiglobulin											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B64	67%	100%	A2	100%	100%	A29	100%	100%	B64	100%	100%
B65	67%	100%	A26	67%	100%	A30	33%	100%	B65	100%	100%
B14	33%	100%	A28	67%	100%	A31	33%	100%	B8	100%	100%
B46	33%	100%	A33	67%	100%	A80	33%	100%	B18	67%	100%
B8	33%	100%	A34	67%	100%	Cw7	33%	100%	A3	33%	100%
B18	33%	80%	A68	67%	100%	A11	33%	67%	B37	33%	100%
			A10	33%	100%	A26	33%	67%	B7	33%	100%
			A69	33%	100%	A28	33%	67%	B27	33%	80%
			B38	33%	100%	A68	33%	67%			
			B39	33%	100%	A3	33%	62%			
			B46	33%	100%	A32	33%	43%			
			B49	33%	100%	A33	33%	40%			
			B51	33%	100%						
			B75	33%	100%						
			B50	33%	75%						
			A36	33%	67%						

Method: Flow Cytometry											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
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 36. Summary of the 567th Serum Exchange (Serum #1261-1264) by Other - class I

Method: Other											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B18	100%	100%	A2	100%	100%	A1	100%	100%	B18	100%	100%
B51	100%	100%	A25	100%	100%	A11	100%	100%	B51	100%	100%
B64	100%	100%	A26	100%	100%	A25	100%	100%	B57	100%	100%
B65	100%	100%	A34	100%	100%	A26	100%	100%	B58	100%	100%
B78	100%	100%	A66	100%	100%	A29	100%	100%	B64	100%	100%
B8	100%	100%	A68	100%	100%	A3	100%	100%	B65	100%	100%
A33	50%	100%	A69	100%	100%	A30	100%	100%	B7	100%	100%
A34	50%	100%	A11	50%	100%	A31	100%	100%	B8	100%	100%
A68	50%	100%	A24	50%	100%	A33	100%	100%	A32	50%	100%
B38	50%	100%	A33	50%	100%	A34	100%	100%	A33	50%	100%
B39	50%	100%	B18	50%	100%	A66	100%	100%	A66	50%	100%
B52	50%	100%	B35	50%	100%	A32	50%	100%	B37	50%	100%
B59	50%	100%	B51	50%	100%	A36	50%	100%	B42	50%	100%
B67	50%	100%	B52	50%	100%	A68	50%	100%	B52	50%	100%
Cw1	50%	100%	B53	50%	100%	A69	50%	100%	B54	50%	100%
Cw8	50%	100%	B56	50%	100%				B55	50%	100%
			B64	50%	100%				B56	50%	100%

Other = Luminex PRA

Table 37. Summary of the 567th Serum Exchange (Serum #1261-1264) by Luminex - class I

Method: Luminex											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
27 typing Labs			27 typing Labs			27 typing Labs			27 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A33	100%	100%	A2	100%	100%	A26	96%	100%	B18	100%	100%
B18	100%	100%	A24	100%	100%	A29	96%	100%	B57	100%	100%
B64	100%	100%	A25	100%	100%	A33	96%	100%	B64	100%	100%
B65	100%	100%	A26	100%	100%	A34	96%	100%	B65	100%	100%
B8	100%	100%	A33	100%	100%	A36	96%	100%	B8	100%	100%
B51	100%	80%	A34	100%	100%	A43	96%	100%	A3	100%	86%
B38	100%	75%	A68	100%	100%	A3	96%	86%	B58	100%	67%
B46	100%	67%	A69	100%	100%	A1	93%	100%	Cw7	100%	55%
B52	96%	100%	B18	100%	100%	A30	93%	100%	B7	96%	100%
Cw16	93%	71%	B35	100%	100%	A31	93%	100%	B73	93%	100%
B37	93%	67%	B38	100%	100%	A74	93%	100%	B78	93%	33%
B78	85%	100%	B46	100%	100%	A80	93%	100%	B51	93%	3%
Cw1	81%	33%	B49	100%	100%	A68	93%	86%	B37	85%	33%
B39	78%	100%	B50	100%	100%	A25	89%	100%	A33	74%	100%
B54	78%	100%	B51	100%	100%	A32	89%	100%	Cw18	74%	100%
A34	78%	50%	B52	100%	100%	A66	78%	100%	B55	74%	75%
Cw2	74%	100%	B53	100%	100%	A11	78%	50%	B52	70%	100%
Cw12	70%	100%	B54	100%	100%	A69	74%	100%	B54	70%	100%
Cw5	70%	100%	B56	100%	100%	A23	59%	100%	B59	70%	100%
Cw6	70%	100%	B62	100%	100%	B44	52%	100%	B42	70%	25%
Cw8	70%	100%	B63	100%	100%	A6601	30%	100%	Cw12	67%	100%
A69	67%	100%	B64	100%	100%	A6602	30%	100%	A32	63%	100%
B73	67%	100%	B65	100%	100%	B45	30%	100%	B27	63%	100%
A68	63%	100%	B71	100%	100%	A1101	22%	100%	B67	59%	100%
Cw10	63%	50%	B72	100%	100%	A1102	22%	100%	B76	59%	0%
B67	59%	100%	B75	100%	100%	B82	19%	100%	A74	56%	100%
B42	52%	100%	B77	100%	100%				B81	52%	100%
B59	52%	100%	B8	100%	80%				Cw6	48%	100%
B55	48%	100%	A1	96%	80%				B61	41%	100%
Cw9	44%	100%	A36	93%	100%				Cw1	41%	100%
A80	41%	100%	A3	93%	86%				A66	37%	100%
Cw7	41%	100%	B59	89%	100%				Cw8	37%	100%
B71	33%	100%	A11	85%	100%				B75	33%	100%
B3901	30%	100%	B39	85%	100%				B7801	22%	100%
A43	26%	100%	B78	85%	100%				A6601	19%	100%

Table 37. Summary of the 567th Serum Exchange (Serum #1261-1264) by Luminex - class I

Method: Luminex - cont.											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
27 typing Labs			27 typing Labs			27 typing Labs			27 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A26	22%	100%	A66	81%	100%				Cw14	19%	100%
B7801	22%	100%	Cw10	81%	50%				Cw5	19%	100%
Cw14	22%	100%	Cw9	78%	100%				Cw9	19%	100%
Cw18	22%	100%	A43	74%	100%						
Cw15	19%	100%	A74	41%	100%						
			A203	33%	100%						
			A2403	30%	100%						
			A6601	30%	100%						
			A6602	30%	100%						
			B3901	30%	100%						
			B41	30%	100%						
			A1102	26%	100%						
			B57	26%	100%						
			A1101	22%	100%						
			B7801	22%	100%						
			A30	19%	100%						
			B58	19%	100%						
			A1102	25%	100%						
			B57	25%	100%						
			A1101	21%	100%						
			B7801	21%	100%						

Table 38. Summary of the 567th Serum Exchange (Serum #1261-1264) by C1q - class I

Method: C1q											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B64	100%	100%	A2	100%	100%	A29	100%	100%	B18	100%	100%
B65	100%	100%	A25	100%	100%	A43	100%	100%	B64	100%	100%
B8	100%	100%	A33	100%	100%	Cw14	50%	100%	B65	100%	100%
Cw1	100%	100%	A34	100%	100%	Cw16	50%	100%	B8	100%	100%
Cw12	100%	100%	A68	100%	100%	Cw2	50%	100%	B73	50%	100%
B46	50%	100%	A69	100%	100%	Cw4	50%	100%	Cw4	50%	100%
Cw2	50%	100%	A203	50%	100%	Cw6	50%	100%			
Cw6	50%	100%	A26	50%	100%	Cw7	50%	100%			
Cw7	50%	100%	A66	50%	100%						
			A6601	50%	100%						
			A6602	50%	100%						
			B63	50%	100%						

Table 39. Summary of the 567th Serum Exchange (Serum #1261-1264) by NIH-Extended, Flow Cytometry, and C1q - class II

Method: NIH-Extended											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
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											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
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 40. Summary of the 567th Serum Exchange (Serum #1261-1264) by Other and C1q - class II

Method: Other												
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***			
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
DR1	100%	100%	DQ9	100%	100%	DR7	100%	100%	DQ2	100%	100%	
DR11	100%	100%	DR10	100%	100%	DR9	100%	100%	DQ5	100%	100%	
DR12	100%	100%	DR4	100%	100%	DQ2	50%	100%	DQ6	100%	100%	
DR13	100%	100%	DR9	100%	100%				DR1	100%	100%	
DR14	100%	100%	DQ4	50%	100%				DR10	100%	100%	
DR17	100%	100%	DQ7	50%	100%				DR103	100%	100%	
DR18	100%	100%	DQ8	50%	100%				DR12	100%	100%	
DR52	100%	100%	DR1	50%	100%				DR15	100%	100%	
DR7	100%	100%	DR14	50%	100%				DR16	100%	100%	
DR9	100%	100%	DR53	50%	100%				DR8	100%	100%	
DQ7	50%	100%	DR7	50%	100%				DR9	100%	100%	
DR4	50%	100%							DQ4	50%	100%	
DR8	50%	100%							DQ9	50%	100%	
									DR11	50%	100%	
									DR13	50%	100%	
									DR14	50%	100%	
									DR51	50%	100%	
									DR52	50%	100%	
									DR7	50%	100%	

Other = Luminex PRA

Method: C1q												
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***			
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			NT			no consensus			

Table 41. Summary of the 567th Serum Exchange (Serum #1261-1264) by Luminex - class II

Method: Luminex											
*** Serum 1261 ***			*** Serum 1262 ***			*** Serum 1263 ***			*** Serum 1264 ***		
25 typing Labs			25 typing Labs			25 typing Labs			25 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ7	100%	100%	DR10	100%	100%	DR7	100%	100%	DQ2	100%	100%
DR11	100%	100%	DR4	100%	100%	DR9	100%	86%	DQ5	100%	100%
DR12	100%	100%	DR9	100%	100%	DR53	92%	50%	DQ6	100%	100%
DR13	100%	100%	DQ4	96%	100%	DQ2	56%	100%	DR1	100%	100%
DR14	100%	100%	DQ8	96%	100%	DQA1*05	24%	100%	DR10	100%	100%
DR17	100%	100%	DQ9	96%	100%				DR11	100%	100%
DR52	100%	100%	DR53	96%	100%				DR12	100%	100%
DR7	100%	100%	DR14	92%	71%				DR15	100%	100%
DR8	100%	100%	DR1	80%	50%				DR16	100%	100%
DR9	100%	100%	DR7	76%	100%				DR51	100%	100%
DR1	96%	100%	DQ2	76%	80%				DR7	100%	100%
DR18	96%	100%	DQA1*02	72%	100%				DR8	100%	100%
DR4	88%	40%	DQA1*03	72%	100%				DR9	100%	100%
DQA1*04	76%	100%	DQA1*06	64%	100%				DR103	92%	100%
DQA1*05	76%	100%	DQA1*04	48%	100%				DR13	88%	100%
DQA1*06	48%	100%	DQ7	44%	80%				DR52	84%	100%
DQ2	24%	40%	DQA1*05	40%	100%				DQA1*02	68%	100%
DR1403	20%	100%	DR1404	24%	100%				DR14	68%	100%
DR1404	20%	100%							DQ4	64%	100%
DQ4	20%	25%							DP17	56%	100%
									DQA1*04	48%	100%
									DQA1*01	40%	100%
									DQA1*06	40%	100%
									DQ9	36%	100%
									DQA1*03	36%	100%
									DQ7	28%	100%
									DQ8	28%	100%
									DR4	28%	100%
									DR1404	24%	100%
									DQA1*05	20%	100%
									DR1403	20%	100%

Table 42. Individual laboratory results for Serum #1261 - 1264 by NIH-Standard and NIH-Extended - class I

**** Serum 1261 ****					**** Serum 1262 ****				**** Serum 1263 ****				**** Serum 1264 ****				Method	
Ctr	% POS	B14		Other	% POS	A2	A28	Other	% POS	A29		Other	% POS	B64	B65	B8		Other
786	15	+			17	+	+		8	+			20	+	+	+		STD

STD = NIH-Standard

**** Serum 1261 ****					**** Serum 1262 ****				**** Serum 1263 ****				**** Serum 1264 ****				Method		
Ctr	% POS	B14	B64	B65	Other	% POS	A28		Other	% POS	A29	A26	Other	% POS	B18				Other
725	13	+				22	+			19	+	+		88					EXT
3753	13		+	+		2				23	+			67	+				EXT

EXT = NIH-Extended

Table 43. Individual laboratory results for Serum #1261 - 1264 by Antiglobulin and Flow Cytometry - class I

**** Serum 1261 ****							**** Serum 1262 ****							**** Serum 1263 ****					**** Serum 1264 ****									
Ctr	% POS	B64	B65	B14	B46	Other	% POS	A2	A26	A28	A33	A34	A68	Other	% POS	A29	A30	A31	Other	% POS	B64	B65	B8	B18	A3	B37	Other	Method
774	31	+	+		+	B18	81	+	+	+	+	+	+	B49,B50,B51,B75 >	54	+	+	+	A11,A26,A32,A33 >	80	+	+	+	+	+	+	B27,B7	Antiglobulin
786	16			+		B8	46	+					+	A10,A69	17	+			Cw7	25	+	+	+	+				Antiglobulin
910		+	+					+	+	+	+	+				+					+	+	+					Antiglobulin

**** Serum 1261 ****						**** Serum 1262 ****						**** Serum 1263 ****				**** Serum 1264 ****											
Ctr	% POS				Other	% POS					Other	% POS				Other	% POS								Other	Method	
3224	56					94						96					96										FC
5214	58					96						99					30										FC
8067	49					95						96					18										FC

FC = Flow cytometry

Table 44. Individual laboratory results for Serum #1261 - 1264 by Other - class I

**** Serum 1261 ****														**** Serum 1262 ****														
Ctr	% POS	B18	B51	B64	B65	B78	B8	A33	A34					Other	% POS	A2	A25	A26	A34	A66	A68	A69	A11				Other	Method
2400		+	+	+	+	+	+	+	+					B52,B67,A68,B39>		+	+	+	+	+	+	+				A24,B78,B51,B52>	Other	
3753	34	+	+	+	+	+	+								94	+	+	+	+	+	+	+	+			A33	Other	

Other = Luminex PRA

**** Serum 1261 ****														**** Serum 1264 ****														
Ctr	% POS	A1	A11	A25	A26	A29	A3	A30	A31	A33	A34	A66	Other	% POS	B18	B51	B57	B58	B64	B65	B7	B8	A32	A33			Other	Method
2400		+	+	+	+	+	+	+	+	+	+	+	A32,A68,A69,A36		+	+	+	+	+	+	+	+	+	+			A66,B52,B54,B55>	Other
3753	96	+	+	+	+	+	+	+	+	+	+	+		46	+	+	+	+	+	+	+	+				B78	Other	

Table 45. Individual laboratory results for Serum #1261 by Luminex - class I

		**** Serum 1261 ****																																							
Ctr	% POS	A33	B18	B64	B65	B8	B51	B38	B46	B52	Cw16	B37	B78	Cw1	B39	B54	A34	Cw2	Cw12	Cw5	Cw6	Cw8	A69	B73	A68	Cw10	B67	B42	B59	B55	Cw9	A80	Cw7	B71	B3901	Other	Method				
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A26,A43,Cw14,Cw15 >	LMX			
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
774	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A26,A43,B41,Cw14 >	LMX		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw18	LMX		
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B7801	LMX	
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw15,Cw18,A*30:01	LMX	
3632	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
3766	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B61,A26,A43,Cw14 >	LMX	
3808	14	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B7801	LMX		
3966	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B48,A26,A29,A43	LMX	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B27,Cw14,B2708	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
5219	15	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B5,B14,B16,B8C	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B7801	LMX	
6649	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8045	17	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A2403	LMX	
8048	29	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A43,Cw18,B7801	LMX
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A26,A43,B41,Cw14 >	LMX
8086	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A26,A43,Cw14	LMX
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Bw4,Bw6	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B14	LMX

Table 46. Individual laboratory results for Serum #1262 by Luminex - class I

		**** Serum 1262 ****																																												
Ctr	% POS	A2	A24	A25	A26	A33	A34	A68	A69	B18	B35	B38	B46	B49	B50	B51	B52	B53	B54	B56	B62	B63	B64	B65	B71	B72	B75	B77	B8	A1	A36	A3	B59	A11	B39	B78	A66	Cw10	Cw9	A43	Other	Method				
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A30,A74,B57,B58,A*30:01 >	LMX			
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX		
774	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A30,A74,B57 >	LMX		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A74	LMX		
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B37,A6601,A6602	LMX		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41	LMX		
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A74,B57,A2403 >	LMX	
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A30,A74,B57,B58 >	LMX	
3632	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A74	LMX		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A74	LMX	
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2403,B7801,A1102,A6601 >	LMX	
3808	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A2403,B7801,A1101 >	LMX	
3966	48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41	LMX	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A30,A74,B57,B58 >	LMX
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX	
5219	48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B15,B70,A10 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A2403,B7801,A1101 >	LMX
6649	50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX
8045	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A2403,B3901	LMX
8048	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B41,B7801,A1101 >	LMX
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A30,A74,B57,B58 >	LMX
8086	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A74,B57	LMX
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A2403,B3901	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A74,A1C	LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B15,B14,A2403 >	LMX

Table 47. Individual laboratory results for Serum #1263 by Luminex - class I

		**** Serum 1263 ****																											
Ctr	% POS	A26	A29	A33	A34	A36	A43	A3	A1	A30	A31	A74	A80	A68	A25	A32	A66	A11	A69	A23	B44	A6601	A6602	B45	A1101	A1102	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+			A24,B82,B76	LMX	
725																													LMX
774	76	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B76,B8201	LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+					LMX
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A2403,B8201	LMX	
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			A24,B82,B76,Cw5	LMX	
3632	89	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX
3766	86	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
3808	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+			LMX
3966	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			B82	LMX	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			B82	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX
5219	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						A10,A19,A28,A1C >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
6649	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX
8045	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX
8048	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			B82,B76	LMX	
8086	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+					LMX
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					A1C	LMX	
8103		+	+	+	+	+	+						+				+						+	+				LMX	

Table 48. Individual laboratory results for Serum #1264 by Luminex - class I

		**** Serum 1264 ****																																							
Ctr	% POS	B18	B57	B64	B65	B8	A3	B58	Cw7	B7	B73	B78	B51	B37	A33	Cw18	B55	B52	B54	B59	B42	Cw12	A32	B27	B67	B76	A74	B81	Cw6	B61	Cw1	A66	Cw8	B75	B7801	Other	Method				
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A6601,A*33:01	LMX				
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX		
774	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX		
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B60,A29,B8101,B2708 >	LMX			
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101,B2708,A6601	LMX		
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A69,A*33:01,B*51:01	LMX		
3632	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A34,A69,B39,Cw9	LMX			
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX	
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A34,B8101,Cw9,Cw5 >	LMX			
3808	14	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX	
3966	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B60,A25,A26,A34 >	LMX		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15,Cw5,Cw14 >	LMX		
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
5219	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B5,B22,B14,B17 >	LMX		
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
6649	22	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
8045	15	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
8048	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B60,B56,A25,A26 >	LMX		
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B60,A36,B39,Cw9 >	LMX		
8086	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A43,Cw5,Cw14	LMX		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B14	LMX	

Table 49. Individual laboratory results for Serum #1261 - 1264 by C1q - class I

Ctr	**** Serum 1261 ****							**** Serum 1262 ****							**** Serum 1263 ****						**** Serum 1264 ****					Method			
	% POS	B64	B65	B8	Cw1	Cw12	Other	% POS	A2	A25	A33	A34	A68	A69	Other	% POS	A29	A43	Cw14	Cw16	Cw2	Other	% POS	B18	B64		B65	B8	Other
786		+	+	+	+	+	Cw6,Cw2,Cw7		+	+	+	+	+	+	A203,A26,B63,A6601 >		+	+	+	+	+	Cw4,Cw6,Cw7		+	+	+	+	Cw4,B73	C1q
2400		+	+	+	+	+	B46		+	+	+	+	+	+	A66		+	+						+	+	+	+		C1q

Table 50. Individual laboratory results for Serum #1261 - 1264 by NIH-Extended and Flow Cytometry - class II

		**** Serum 1261 ****				**** Serum 1262 ****				**** Serum 1263 ****				**** Serum 1264 ****				
Ctr	% POS			Other	% POS			Other	% POS			Other	% POS			Other	Method	
3753	76				8				45				93				EXT	

EXT = NIH-Extended

		**** Serum 1261 ****				**** Serum 1262 ****				**** Serum 1263 ****				**** Serum 1264 ****				
Ctr	% POS			Other	% POS			Other	% POS			Other	% POS			Other	Method	
3224	95				67				22				98				FC	
5214	96				74				26				95				FC	
8067	95				66				25				96				FC	

FC = Flow Cytometry

Table 51. Individual laboratory results for Serum #1261 - 1264 by Other and C1q - class II

Ctr	**** Serum 1261 ****											**** Serum 1262 ****						**** Serum 1263 ****				**** Serum 1264 ****										Method								
	% POS	DR1	DR11	DR12	DR13	DR14	DR17	DR18	DR52	DR7	DR9	Other	% POS	DQ9	DR10	DR4	DR9	DQ4	DQ7	Other	% POS	DR7	DR9	DQ2	Other	% POS	DQ2	DQ5	DQ6	DR1	DR10		DR103	DR12	DR15	DR16	DR8	DR9	Other	
2400		+	+	+	+	+	+	+	+	+	DR4		+	+	+	+			DR1,DR53		+	+					+	+	+	+	+	+	+	+	+	+	+	+	DR7,DR11>	Other
3753	77	+	+	+	+	+	+	+	+	+	DR8,DQ7	77	+	+	+	+	+	+	DR7,DR14>	33	+	+	+			93	+	+	+	+	+	+	+	+	+	+	+	+		Other

Other - Luminex PRA

Ctr	**** Serum 1261 ****											**** Serum 1262 ****					**** Serum 1263 ****				**** Serum 1264 ****										Method								
	% POS	DQ7	DQA1*05	DR11	DR12	DR13	DR8	DR14	DR17	DR18	DR52	Other	% POS	DQ8	DQ9	DQA1*02	DQA1*03	DR53	Other	% POS				Other	% POS	DQ2	DQ5	DQ6	DR1	DR10		DR15	DR103	DR51	DR9	DR16	DR8	Other	
2400		+	+	+	+	+	+	+	+	+				+	+	+	+									+	+	+	+	+	+	+	+	+	+	+	+		C1q

Table 52. Individual laboratory results for Serum #1261 by Luminex - class II

**** Serum 1261 ****																				
Ctr	% POS	DQ7	DR11	DR12	DR13	DR14	DR17	DR52	DR7	DR8	DR9	DR1	DR18	DR4	DQA1*04	DQA1*05	DQA1*06	DQ2	Other	Method
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DRB1*14:01,DRB1*04:04,DRB1*04:05	LMX
774	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DQA1*04:01,DQA1*05:01,DQA1*05:03, DQA1*05:05,DQA1*06:01,DRB1*04:01, DRB1*04:03,DRB1*04:04,DRB1*04:05	LMX
3632	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DRB1*04:01,DRB1*04:04	LMX
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DQA1*05:05,DQA1*04:01	LMX
3808	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DR3,DR1403,DR1404	LMX
3966	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ4	LMX
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
5219	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DR3,DR5,DR6,DR1403 >	LMX
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*05	LMX
6649	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
8045	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DR1403,DR1404,DQ4,DQ9	LMX
8048	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
8086	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ4	LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1403,DR1404,DQ4,DQ9	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ4	LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR3,DR1403,DR1404,DQ3	LMX

Table 53. Individual laboratory results for Serum #1262 - 1263 by Luminex - class II

Ctr	**** Serum 1262 ****														Other	**** Serum 1263 ****						Method							
	% POS	DR10	DR4	DR9	DQ4	DQ8	DQ9	DR53	DR14	DR1	DR7	DQ2	DQA1*02	DQA1*03		DQA1*06	DQA1*04	DQ7	DQA1*05	DR1404	% POS		DR7	DR9	DR53	DQ2	DQA1*05	Other	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DRB1*14:54,DRB1*14:01								LMX	
774	63	+	+	+				+	+			+	+								28	+	+		+			LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+									+	+				LMX	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+									+	+				LMX	
2400		+	+	+	+	+	+	+	+	+	+							+					+	+	+			LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+	+	+	+		LMX	
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DQA1*03:02,DQA1*03:03,DQA1*02:01,DQA1*03:01,DQA1*06:01,DQA1*04:01,DRB1*14:01,DRB1*14:54>						+	DQA1*05:01		LMX
3632	88	+	+	+	+	+	+	+	+	+	+						+				64	+	+	+	+			LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+					+		DRB1*14:01			+	+	+	+		LMX	
3766	89	+	+	+	+	+	+	+	+	+	+	+	+	+				+		DQA1*02:01,DQA1*03:01,DQA1*06:01,DQA1*05:05		49	+	+	+		+	DQA1*05:01	LMX
3808	33	+	+	+	+	+	+	+	+	+		+	+	+	+			+		DQ6		3	+	+	+			LMX	
3966	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				11	+	+	+	+	+	DQA1*02,DQA1*03,DQA1*04	LMX
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	+	+	+	DQA1*04	LMX
5214		+	+	+	+	+	+	+	+	+		+	+					+					+	+	+	+		LMX	
5219	31	+	+	+	+	+	+	+	+		+	+	+	+	+	+			+	DQ3,DQA1*01		2	+	+	+			LMX	
5462		+	+	+	+	+	+	+	+	+	+							+		DRB1*14:01P			+	+	+	+		LMX	
6649	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DQ6,DQA1*01		3	+	+	+			LMX	
8045	32	+	+	+	+	+	+	+	+	+	+							+	+	DQ6		3	+	+	+			LMX	
8048	60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			31	+	+	+		+	LMX	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+					+	+	+	+	+	LMX	
8086	33	+	+	+	+	+	+	+	+	+	+							+				4	+	+	+			LMX	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+				+					+	+	+	+		LMX	
8098		+	+	+	+	+	+	+	+	+	+							+	+	DQ6			+	+	+			LMX	
8100		+	+	+	+	+	+	+	+	+	+							+					+	+	+	+		LMX	
8103		+	+	+	+	+	+		+		+	+	+	+	+			+	+	DR51,DQ3			+	+	+	+		LMX	

Table 54. Individual laboratory results for Serum #1264 by Luminex - class II

		**** Serum 1264 ****																															
Ctr	% POS	DQ2	DQ5	DQ6	DR1	DR10	DR11	DR12	DR15	DR16	DR51	DR7	DR8	DR9	DR103	DR13	DR52	DQA1*02	DR14	DQ4	DP17	DQA1*04	DQA1*01	DQA1*06	DQ9	DQA1*03	DQ7	DQ8	DR4	DR1404	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												DRB1*13:01,DRB3*02:02,DRB1*14:02	LMX
774	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+				+					LMX	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+					+	DR1403,DP9	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+							LMX
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+									LMX
3582		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+		+				DR17,DPw6,DP19,DQA1*01:02, DQA1*01:01,DQA1*05:01,DQA1*01:03, DQA1*04:01,DQA1*03:01,DQA1*02:01, DRB3*02:02,DRB1*14:02,DRB1*13:01>	LMX	
3632	94	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+						+		LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+									DRB1*14:02	LMX
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		+	+	+		DR17,DPw3,DPw5,DPw6 >	LMX	
3808	53	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+						+	DR1403	LMX	
3966	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DPw6,DP19,DQA1*05	LMX		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DQ3,DQA1*05	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+			+				LMX	
5219	54	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	DR2,DR5,DR18,DR53 >	LMX		
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									DQA1*01,DRB1*13:01,DRB1*14:02, DRB3*02:02	LMX	
6649	59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DP9	LMX		
8045	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			+	+		+	DR1403,DR18,DP9	LMX	
8048	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DQA1*05	LMX		
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DQA1*05	LMX		
8086	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+						LMX	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+		+	+		DR1403,DR18	LMX	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX		
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR3,DR1403,DR17,DR18 >	LMX	