

SERUM EXCHANGE #569

JULY 16, 2019

Sera	1269-1272
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The results for **Serum Exchange 569 (sera 1269 - 1272)**, are summarized in Tables 14 - 21 and individual laboratory results by method are listed

in Tables 22 - 34. Sera strongly positive to A29, A10, A2, and B13 were examined in this study.

1269	method	#labs	A29	A1	A26	A30	A36	B35	B53	B55	B49	B50	B42	B62	A43	B75	B54	B56	B67	A80	B77	B70	B71	B72	B63	B7	A2	B46
class I	NIH-Std	1	no consensus																									
	NIH-Ext	2	100%																									
	AHG	2	100%	50%	50%	50%		50%	50%	50%	50%	50%	50%	50%								50%						
	Luminex	27	96%	100%	100%	81%	100%	100%	100%	100%	96%	96%	100%	93%	96%	96%	74%	100%	100%	100%	96%		96%	93%	93%	74%	70%	67%
	Flow	3	no specificities assigned																									
	C1q	2	100%	100%			100%								50%	50%												
	Other	2	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%					50%											
1269	method	#labs	B51	B57	B78	B82	A69	B58	A34	A74	A31	B41	B52	B59	B81	A33	A68	Cw10	Cw9	B37	A23	B39	B76	A24	A66	B13	B38	Cw4
	Luminex	27	67%	63%	63%	63%	59%	59%	56%	56%	52%	52%	52%	52%	52%	48%	48%	44%	44%	41%	37%	37%	33%	30%	26%	22%	22%	22%

1269	method	#labs	DR11	DR12	DR13	DR14	DR1403	DR8	DR9	DR10	DR17	DR18	DR52	DR53	DR7	DQ5	DQ2
class II	NIH-Ext	1	undetermined														
	Luminex	25	96%	92%	96%	96%	20%	96%	96%	92%	88%	88%	84%	84%	44%	24%	20%
	Flow	3	no specificities assigned														
	C1q	1	no consensus														
	Other	2	50%	50%	50%	50%		50%	50%	50%	50%	50%	50%				

For **Serum 1269**, strong A29 positivity was reported by all methods, except flow. Additional reactivity to A1, A26, A36, and A43, was detected by various methods, with Luminex reporting each by > 90% consensus. In addition, reactivity to a number of 5C and 8C specificities was reported by anti-globulin, Luminex, and C1q. Reactivity to a number of DR specificities was

also reported by Luminex and Luminex PRA, including DR11, DR12, DR13, DR14, DR8, DR9, and DR10. Each were reported by >90% of Luminex labs. Allele specific DR1403 reactivity was reported by a few (20%) Luminex labs as well.

1270	method	#labs	A25	B57	B58	B17	A26	A66	A6601	A6602	A11	A1101	A1102	A34	A33	A68	A29	A31	A32	A74	A2	A203	A43	B63	A69
class I	NIH-Std	1	no consensus																						
	NIH-Ext	2	50%																						
	AHG	2		50%		50%	50%	50%			50%														
	Luminex	27	100%	100%	100%		100%	85%	33%	33%	81%	33%	33%	93%	93%	93%	93%	89%	100%	78%	100%	30%	96%	81%	67%
	Flow	3	no specificities assigned																						
	C1q	2	50%	100%	100%																				
	Other	2	50%	50%	50%		50%	50%			50%			50%	50%	50%	50%	50%	50%	50%	50%				

1270	method	#labs	DQ7	DQ8	DR7	DQ9	DR9	DR52	DR12
class II	NIH-Ext	1	undetermined						
	Luminex	25	100%	100%	96%	96%	92%	68%	60%
	Flow	3	no specificities assigned						
	C1q	1	no consensus						
	Other	2	50%	50%	50%	50%	50%		

For **Serum 1270**, anti-A25, -B17 (B57, B58), and -A26 reactivity was reported by various methods, with Luminex reporting each in complete consensus. Additional reactivity to A29, A2, and reactivity to a number of 10C specificities was also reported by Luminex and Luminex PRA. In addition, a num-

ber of Luminex labs reported allele specific A*66:01, A*66:02, A*11:01, A*11:02, and A*02:03 reactivity. Anti-DQ7, -DQ8, -DR7, -DQ9, and -DR9 reactivity was reported by Luminex and Luminex PRA, with Luminex reporting each by a consensus of > 90%.

1271	method	#abs	A2	A68	A69	A28	B57	B58	B64	B18	B38	B45	B54	B55	B65	B67	B35	B13	B37	B47	B49	B56	B59	B27	B2708	B50	B51	B52
class I	NIH-Std	1	no consensus																									
	NIH-Ext	2	100%				100%	50%																				
	AHG	2	100%	100%		50%	100%	100%		50%				50%	50%		50%	50%						50%		50%		
	Luminex	27	100%	100%	100%		100%	100%	100%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	93%	48%	93%	93%	93%
	Flow	3	no specificities assigned																									
	C1q	2	50%	50%	50%	50%																						
	Other	2	50%	50%	50%		50%	50%		50%		50%	50%				50%					50%						
1271	method	#abs	B72	B75	B62	B44	B53	B63	B71	B46	B77	B76	B78	B7801	B39	B3901	B82	A24	A2403	B73	Cw5	A23	A33	Bw4	A203			
	AHG	2			50%	50%																						
	Luminex	27	93%	93%	93%	93%	93%	93%	93%	89%	89%	85%	85%	26%	70%	37%	70%	63%	22%	41%	41%	33%	33%	33%	30%			
	Other	2	50%		50%								50%															

1271	method	#abs	DR11	DR13	DR7	DQ2	DR14	DR17	DR18	DR52	DPw2	DPw3	DPw6	DP18	DP28	DP14	DR1403	DP17	DP9	DPw4	DP402	DP10	DP20	
class II	NIH-Ext	1	undetermined																					
	Luminex	25	100%	100%	100%	100%	96%	96%	96%	96%	92%	92%	92%	88%	88%	80%	24%	80%	80%	72%	40%	64%	64%	
	Flow	3	no specificities assigned																					
	C1q	1	no consensus																					
	Other	2	50%	50%	50%	50%	50%	50%	50%	50%														

Strong class I reactivity was reported in **Serum 1271**, with all methods, except Flow, reporting anti-A2 reactivity. Additional reactivity to A28 (A68, A69), B17 (B57, B58), as well as reactivity to a number of 5C, 7C, and 8C specificities was reported by various methods, with Luminex reporting many of the specificities with >90% consensus. Allele specific B*27:08, B*78:01, B*39:01, A*24:03, and A*02:03 reactivity was also reported by Luminex. For

class II, anti-DR11, -DR17, -DR18, and -DR52 reactivity was reported by Luminex (>90%), Luminex PRA, and C1q. Additional reactivity to DR13, DR7, DQ2, and DR14 was also reported by Luminex and PRA. In addition, Luminex and C1q detected reactivity to a number of DP specificities, including anti-DP2, -DP3, -DP4, -DP18, and -DP28 reactivity. Allele specific DR1403 and DP402 reactivity was also reported by some Luminex labs.

1272	method	#labs	B13	B49	B60	B61	B41	B47	B44	B45	B27	B2708	B50	B7	B48	B62	B75	B72	B53	
class I	NIH-Std	1	no consensus																	
	NIH-Ext	2	100%	50%	50%															
	AHG	2	100%	50%	50%	50%	50%	50%	50%	50%	50%		50%		50%					
	Luminex	27	100%	100%	96%	93%	100%	100%	100%	100%	89%	41%	100%	93%	67%	96%	96%	89%	93%	
	Flow	3	no specificities assigned																	
	C1q	2	100%																	
	Other	2	50%	50%	50%	50%	50%	50%	50%	50%			50%	50%		50%	50%	50%	50%	
1272	method	#labs	B51	B52	B63	B77	B76	B38	B71	B35	B59	B81	B8101	B57	B37	B39	B46	B56	B58	B78
	Luminex	27	81%	78%	70%	96%	93%	89%	81%	78%	74%	70%	22%	63%	59%	44%	44%	44%	33%	22%
	Other	2	50%	50%	50%															

1272	method	#labs	DR4	DR53		
class II	NIH-Ext	1	undetermined			
	Luminex	27	100%	92%		
	Flow	2	no specificities assigned			
	C1q	1	no consensus			
	Other	2	50%			

Strong anti-B13 reactivity was reported in **Serum 1272** by all methods, except flow. Additional reactivity to B44, B45, as well as reactivity to a number of 5C and 7C specificities, was reported by various methods. In addition, allele specific B*27:08 and B*81:01 reactivity was reported by a few Luminex

labs. For class II, anti-DR4 reactivity was reported by Luminex and 1 lab reporting by Luminex PRA. Additional anti-DR53 reactivity was also reported by > 90% of Luminex labs.

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

Table 14. Summary of the 569th Serum Exchange (Serum #1269-1272) by NIH-Standard and NIH-Extended - class I

Method: NIH-Standard											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A29	100%	100%	B17	100%	100%	A2	100%	100%	B13	100%	100%
						A28	100%	100%			
						B17	100%	100%			
Method: NIH-Extended											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A29	100%	100%	A25	50%	67%	A2	100%	100%	B13	100%	100%
						B57	100%	100%	B60	50%	75%
						B58	50%	67%	B49	50%	67%

Table 15. Summary of the 569th Serum Exchange (Serum #1269-1272) by Antiglobulin - class I

Method: Antiglobulin											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A29	100%	100%	A66	50%	100%	A2	100%	100%	B13	100%	100%
A26	50%	100%	B17	50%	100%	A68	100%	100%	B41	50%	100%
B42	50%	100%	A26	50%	80%	B57	100%	100%	B45	50%	100%
B49	50%	100%	B57	50%	50%	B58	100%	67%	B47	50%	100%
B50	50%	100%	A11	50%	27%	A28	50%	100%	B49	50%	100%
B53	50%	100%				B13	50%	100%	B50	50%	100%
B55	50%	100%				B18	50%	100%	B60	50%	100%
B70	50%	100%				B27	50%	100%	B61	50%	100%
A1	50%	90%				B35	50%	100%	B44	50%	92%
A30	50%	88%				B50	50%	100%	B48	50%	67%
B35	50%	80%				B62	50%	100%	B27	50%	60%
B62	50%	80%				B65	50%	100%			
						B44	50%	80%			

Table 16. Summary of the 569th Serum Exchange (Serum #1269-1272) by Other and Flow Cytometry - class I

Method: Other											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	50%	100%	A11	50%	100%	A2	50%	100%	B13	50%	100%
A26	50%	100%	A2	50%	100%	A68	50%	100%	B41	50%	100%
A29	50%	100%	A25	50%	100%	A69	50%	100%	B44	50%	100%
A30	50%	100%	A26	50%	100%	B18	50%	100%	B45	50%	100%
A36	50%	100%	A29	50%	100%	B35	50%	100%	B47	50%	100%
B35	50%	100%	A31	50%	100%	B45	50%	100%	B49	50%	100%
B49	50%	100%	A32	50%	100%	B54	50%	100%	B50	50%	100%
B50	50%	100%	A33	50%	100%	B56	50%	100%	B51	50%	100%
B53	50%	100%	A34	50%	100%	B57	50%	100%	B52	50%	100%
B54	50%	100%	A66	50%	100%	B58	50%	100%	B53	50%	100%
B55	50%	100%	A68	50%	100%	B62	50%	100%	B60	50%	100%
			A74	50%	100%	B72	50%	100%	B61	50%	100%
			B57	50%	100%	B78	50%	100%	B62	50%	100%
			B58	50%	100%				B63	50%	100%
									B7	50%	100%
									B72	50%	100%
									B75	50%	100%
									B81	50%	100%

Method: Flow Cytometry											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
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 17. Summary of the 569th Serum Exchange (Serum #1269-1272) by Luminex - class I

Method: Luminex											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
27 typing Labs			27 typing Labs			27 typing Labs			27 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	100%	100%	A2	100%	100%	A2	100%	100%	B13	100%	100%
A26	100%	100%	A25	100%	100%	A68	100%	100%	B41	100%	100%
A36	100%	100%	A26	100%	100%	A69	100%	100%	B44	100%	100%
B35	100%	100%	A32	100%	100%	B57	100%	100%	B45	100%	100%
B42	100%	100%	B57	100%	100%	B58	100%	100%	B47	100%	100%
B53	100%	100%	B58	100%	100%	B64	100%	100%	B49	100%	100%
B55	100%	100%	A43	96%	100%	B18	96%	100%	B50	100%	100%
B56	100%	100%	A34	93%	100%	B38	96%	100%	B60	96%	100%
B67	100%	100%	A33	93%	75%	B45	96%	100%	B62	96%	100%
A80	100%	67%	A68	93%	60%	B54	96%	100%	B77	96%	100%
A29	96%	100%	A29	93%	17%	B55	96%	100%	B75	96%	80%
A43	96%	100%	A31	89%	100%	B65	96%	100%	B61	93%	100%
B49	96%	100%	A66	85%	83%	B67	96%	100%	B76	93%	100%
B50	96%	100%	B63	81%	100%	B35	96%	75%	B53	93%	50%
B71	96%	100%	A11	81%	50%	B13	96%	67%	B7	93%	50%
B77	96%	100%	A74	78%	100%	B37	96%	50%	B72	89%	100%
B75	96%	80%	A69	67%	100%	B47	96%	50%	B27	89%	67%
B62	93%	100%	A1101	33%	100%	B49	96%	50%	B38	89%	50%
B72	93%	100%	A1102	33%	100%	B56	96%	50%	B51	81%	80%
B63	93%	67%	A6601	33%	100%	B59	96%	50%	B71	81%	50%
A30	81%	88%	A6602	33%	100%	B27	93%	100%	B52	78%	100%
B7	74%	75%	A203	30%	100%	B50	93%	100%	B35	78%	50%
B54	74%	50%				B51	93%	100%	B59	74%	50%
A2	70%	100%				B52	93%	100%	B63	70%	100%
B46	67%	50%				B72	93%	100%	B81	70%	50%
B51	67%	40%				B75	93%	100%	B48	67%	50%
B57	63%	100%				B62	93%	67%	B57	63%	100%
B78	63%	100%				B44	93%	50%	B37	59%	100%
B82	63%	100%				B53	93%	50%	B39	44%	100%
A69	59%	100%				B63	93%	50%	B46	44%	100%
B58	59%	100%				B71	93%	50%	B56	44%	100%
A34	56%	100%				B46	89%	100%	B2708	41%	100%
A74	56%	100%				B77	89%	100%	B58	33%	100%
A31	52%	100%				B76	85%	100%	B78	22%	100%
B41	52%	100%				B78	85%	100%	B8101	22%	100%

Table 17. Summary of the 569th Serum Exchange (Serum #1269-1272) by Luminex - class I

Method: Luminex - cont.											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
27 typing Labs			27 typing Labs			27 typing Labs			27 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B52	52%	100%				B39	70%	100%	B73	19%	100%
B59	52%	100%				B82	70%	100%	Bw4	19%	100%
B81	52%	100%				A24	63%	100%			
A33	48%	100%				B2708	48%	100%			
A68	48%	100%				B73	41%	100%			
Cw10	44%	100%				Cw5	41%	100%			
Cw9	44%	100%				B3901	37%	100%			
B37	41%	100%				A23	33%	100%			
A23	37%	100%				A33	33%	100%			
B39	37%	100%				Bw4	33%	88%			
B76	33%	100%				A203	30%	100%			
A24	30%	100%				B7801	26%	100%			
A66	26%	100%				A2403	22%	100%			
B13	22%	100%									
B38	22%	100%									
Cw4	22%	100%									

Table 18. Summary of the 569th Serum Exchange (Serum #1269-1272) by C1q - class I

Method: C1q											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	100%	100%	B57	100%	100%	A2	50%	100%	B13	100%	100%
A29	100%	100%	B58	100%	100%	A68	50%	100%			
A36	100%	100%	A25	50%	100%	A69	50%	100%			
A43	50%	100%				B57	50%	100%			
B75	50%	100%				B58	50%	100%			

Table 19. Summary of the 569^h Serum Exchange (Serum #1269-1272) by NIH-Extended and Flow Cytometry - class II

Method: NIH-Extended											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
Undetermined			Undetermined			Undetermined			Undetermined		

Method: Flow Cytometry											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
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 20. Summary of the 569th Serum Exchange (Serum #1269-1272) by Other and C1q- class II

Method: Other											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR10	50%	100%	DQ7	50%	100%	DQ2	50%	100%	DR4	50%	100%
DR11	50%	100%	DQ8	50%	100%	DR11	50%	100%			
DR12	50%	100%	DQ9	50%	100%	DR13	50%	100%			
DR13	50%	100%	DR7	50%	100%	DR14	50%	100%			
DR14	50%	100%	DR9	50%	100%	DR17	50%	100%			
DR17	50%	100%				DR18	50%	100%			
DR18	50%	100%				DR52	50%	100%			
DR52	50%	100%				DR7	50%	100%			
DR8	50%	100%									
DR9	50%	100%									

Other = Luminex PRA

Method: C1q											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NT			NT			no consensus			NT		

Table 21. Summary of the 569th Serum Exchange (Serum #1269-1272) by Luminex - class II

Method: Luminex											
*** Serum 1269 ***			*** Serum 1270 ***			*** Serum 1271 ***			*** Serum 1272 ***		
25 typing Labs			25 typing Labs			25 typing Labs			27 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR11	96%	100%	DQ7	100%	71%	DR11	100%	100%	DR4	96%	67%
DR13	96%	100%	DQ8	100%	67%	DR13	100%	100%	DR53	88%	27%
DR14	96%	100%	DR7	96%	100%	DR7	100%	100%			
DR8	96%	100%	DQ9	96%	78%	DQ2	100%	93%			
DR9	96%	86%	DR9	92%	60%	DR14	96%	100%			
DR10	92%	100%	DR52	68%	100%	DR17	96%	100%			
DR12	92%	100%	DR12	60%	100%	DR18	96%	100%			
DR17	88%	100%				DR52	96%	100%			
DR18	88%	100%				DPw2	92%	100%			
DR52	84%	100%				DPw3	92%	100%			
DR53	84%	93%				DPw6	92%	100%			
DR7	44%	100%				DP18	88%	100%			
DQ5	24%	100%				DP28	88%	100%			
DQ2	20%	100%				DP14	80%	100%			
DR1403	20%	100%				DP17	80%	100%			
						DP9	80%	100%			
						DPw4	72%	86%			
						DP10	64%	100%			
						DP20	64%	100%			
						DP402	40%	100%			
						DR1403	24%	100%			

Table 22. Individual laboratory results for Serum #1269 - 1272 by NIH-Standard and NIH-Extended - class I

**** Serum 1269 ****				**** Serum 1270 ****			**** Serum 1271 ****					**** Serum 1272 ****				
Ctr	% POS	A29	Other	% POS	B17	Other	% POS	A2	A28	B17	Other	% POS	B13		Other	Method
786		+			+			+	+	+			+			STD

STD = NIH-Standard

**** Serum 1269 ****				**** Serum 1270 ****			**** Serum 1271 ****					**** Serum 1272 ****					
Ctr	% POS	A29	Other	% POS	A25	Other	% POS	A2	B57	B58	Other	% POS	B13	B60	B49	Other	Method
725	15	+		6	+		44	+	+	+		17	+	+	+		EXT
3753	24	+		2			33	+	+			8	+				EXT

EXT = NIH-Extended

Table 23. Individual laboratory results for Serum #1269 - 1272 by Antiglobulin - class I

		**** Serum 1269 ****							**** Serum 1270 ****							**** Serum 1271 ****							**** Serum 1272 ****							
Ctr	% POS	A29	A26	B42	B49	B50	Other	% POS	A66	B17	A26	B57	A11	Other	% POS	A2	A68	B57	B58	A28	Other	% POS	B13	B41	B45	B47	B49	Other	Method	
774	59	+	+	+	+	+	B70,B62,B53,B55>	25	+		+	+	+		83	+	+	+	+	+	B62,B50,B13,B44>	54	+	+	+	+	+	B60,B61,B48,B50>	Antiglobulin	
786		+								+						+	+	+	+				+						Antiglobulin	

Table 24. Individual laboratory results for Serum #1269 - 1272 by Other and Flow Cytometry - class I

**** Serum 1269 ****											**** Serum 1270 ****											Method		
Ctr	% POS	A1	A26	A29	A30	A36	B35	B49	B50		Other	% POS	A11	A2	A25	A26	A29	A31	A32	A33	A34		A66	Other
2400	89											85												Other
3753	78	+	+	+	+	+	+	+	+		B53,B54,B55	82	+	+	+	+	+	+	+	+	+	+	+	A74,A68,B57,B58

**** Serum 1271 ****													**** Serum 1272 ****											Method
Ctr	% POS	A2	A68	A69	B18	B35	B45	B54	B56	B57	B58	Other	% POS	B13	B41	B44	B45	B47	B49	B50	B51	B52	Other	
2400	98												78											Other
3753	84	+	+	+	+	+	+	+	+	+	+	B78,B62,B72	68	+	+	+	+	+	+	+	+	+		B60,B61,B62,B53 >

Other = Luminex PRA

**** Serum 1269 ****											**** Serum 1270 ****											Method		
Ctr	% POS										Other	% POS												Other
3224	94											84												FC
5214	96											83												FC
8067	76											81												FC

**** Serum 1271 ****													**** Serum 1272 ****											Method
Ctr	% POS											Other	% POS										Other	
3224	91											Other	96											FC
5214	92												85											FC
8067	91												73											FC

FC = Flow cytometry

Table 25. Individual laboratory results for Serum #1269 by Luminex - class I

		**** Serum 1269 ****																																			
Ctr	% POS	A1	A26	A36	B35	B42	B53	B55	B56	B67	A80	A29	A43	B49	B50	B71	B77	B75	B62	B72	B63	A30	B7	B54	A2	B46	B51	B57	B78	B82	A69	B58	A34	A74	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A24,A66,B13,A*24:02 >	LMX	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
731	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A68	LMX	
774	73	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A203,B52,A31 >	LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A66,B13,B52 >	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,A31,A33,B39 >	LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A24,A203,B13 >	LMX	
3632	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A66,B52,A31 >	LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,B37,B41,B59 >	LMX	
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A24,A66,B13 >	LMX	
3808	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15	LMX	
3966	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A31,B81	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,A31,A33,A23,A*24:02 >	LMX	
5219	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,B70,A10,B21 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
6649	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A68	LMX	
8043	78	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,A66,B13,B45 >	LMX	
8045		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15	LMX	
8058	64	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A24,B52,A31 >	LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A66,B52,A31 >	LMX	
8086	200	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,A31,A33,B41 >	LMX	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4,Bw6,B12C,B5C >	LMX	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B52,A31,B81,Cw10 >	LMX	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B15,A68	LMX	
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A66,B13,B52 >	LMX	

Table 26. Individual laboratory results for Serum #1270 by Luminex - class I

		**** Serum 1270 ****																							
Ctr	% POS	A2	A25	A26	A32	B57	B58	A43	A34	A33	A68	A29	A31	A66	B63	A11	A74	A69	A1101	A1102	A6601	A6602	A203	Other	Method
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
725		+	+	+	+	+	+	+	+	+	+	+	+	+		+									
731	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
774	62	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	B76
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	B62,A30,A23,A36 >
3632	83	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3766	83	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
3808	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
3966	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		A23,A*30:01,A36,B62 >
5219	14	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	A10,A19,A28,B17 >
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
6649	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	
8043	78	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+						B60,B61,B48,B49 >
8045	26	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+		B15
8058	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						Bw4,Bw6
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						B76
8086	200	+	+	+	+	+	+	+						+											
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	Bw4,B5C,A1C,A10C >
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						A10C
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						

Table 27. Individual laboratory results for Serum #1271 by Luminex - class I

		**** Serum 1271 ****																																									
Ctr	% POS	A2	A68	A69	B57	B58	B64	B18	B38	B45	B54	B55	B65	B67	B35	B13	B37	B47	B49	B56	B59	B27	B50	B51	B52	B72	B75	B62	B44	B53	B63	B71	B46	B77	B76	B78	B39	B82	Other	Method			
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A33,A23,B73,A*33:01>	LMX		
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B2708	LMX	
731	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A2403,B2708,B7801 >	LMX	
774	75	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4	LMX	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A203,A33,A23 >	LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A33,A23,B73 >	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24	LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A203,A33,A23 >	LMX	
3632	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A33,A23,Bw4 >	LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4	LMX	
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A33,A23,B73 >	LMX	
3808	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B14,B2708,B7801 >	LMX	
3966	53	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B7,A26,A30	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A33,A23,B73,A*33:01>	LMX	
5219	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B15,B70,B21 >	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,Bw4,B2708,B7801 >	LMX	
6649	48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A203,B2708	LMX	
8043	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11,B48,A34,A29 >	LMX	
8045	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,B2708,B3901	LMX	
8058	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,Bw4,Bw6,Cw5	LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A33,B73,Cw5	LMX	
8086		+	+	+	+	+	+						+																												LMX		
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A33,A23,B73 >	LMX	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A203,Bw4,Bw6 >	LMX	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B5C	LMX	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A203,B15,B14 >	LMX
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A23,B73,Cw5	LMX

Table 28. Individual laboratory results for Serum #1272 by Luminex - class I

		**** Serum 1272 ****																																			
Ctr	% POS	B13	B41	B44	B45	B47	B49	B50	B60	B62	B77	B75	B61	B76	B53	B7	B72	B27	B38	B51	B71	B52	B35	B59	B63	B81	B48	B57	B37	B39	B46	B56	B2708	Other	Method		
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B55,B67,B58 >	LMX		
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B55,B67,B58 >	LMX	
731	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101	LMX		
774	60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B58,B73,B8101 >	LMX	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B58,B73,B8101 >	LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B58,B73,Bw4,A6602	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B55,B67,B58 >	LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B55,B67,B58 >	LMX	
3632	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B58	LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4	LMX	
3766	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B55,B58,B73 >	LMX	
3808	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703,B8101	LMX	
3966	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B55,B58,B73 >	LMX
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B58,Bw4,A6602,B55,B78>	LMX
5219	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15,B70,B21 >	LMX
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101	LMX
6649	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703	LMX
8043	62	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B82,B54,A74,B64 >	LMX
8045	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15,B703	LMX
8058	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4,Bw6	LMX
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B58	LMX
8086		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B58	LMX
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B703,Bw4,Bw6,B12C >	LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15	LMX
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX	

Table 29. Individual laboratory results for Serum #1269 - 1272 by C1q - class I

Ctr	**** Serum 1269 ****					**** Serum 1270 ****					**** Serum 1271 ****					**** Serum 1272 ****			Method
	% POS	A1	A29	A36	Other	% POS	B57	B58	A25	Other	% POS	A2	A68	A69	Other	% POS	B13	Other	
786		+	+	+			+	+				+	+	+	B57,B58		+		C1q
2400		+	+	+	B75,A43		+	+	+								+		C1q

Table 30. Individual laboratory results for Serum #1269 - 1272 by NIH-Extended and Flow Cytometry - class II

		**** Serum 1269 ****				**** Serum 1270 ****				**** Serum 1271 ****				**** Serum 1272 ****				
Ctr	% POS			Other	% POS			Other	% POS			Other	% POS			Other	Method	
3753	43				5				61				7				EXT	

Ext = NIH-extended

		**** Serum 1269 ****				**** Serum 1270 ****				**** Serum 1271 ****				**** Serum 1272 ****				
Ctr	% POS			Other	% POS			Other	% POS			Other	% POS			Other	Method	
3224	84				67				NT				26				FC	
5214	87				66				93				13				FC	
8067	85				68				93				14				FC	

FC = Flow cytometry

Table 31. Individual laboratory results for Serum #1269 - 1272 by Other and C1q - class II

		**** Serum 1269 ****						**** Serum 1270 ****						**** Serum 1271 ****						**** Serum 1272 ****					
Ctr	% POS	DR10	DR11	DR12	DR13	DR14	Other	% POS	DQ7	DQ8	DQ9	DR7	DR9	Other	% POS	DQ2	DR11	DR13	DR14	DR17	Other	% POS	DR4	Other	Method
2400	89							57							91							17			Other
3753	70	+	+	+	+	+	DR8,DR9,DR17>	57	+	+	+	+	+		63	+	+	+	+	+	DR7,DR18,DR52	13	+		Other

Other = Luminex PRA

		**** Serum 1269 ****						**** Serum 1270 ****						**** Serum 1271 ****						**** Serum 1272 ****					
Ctr	% POS						Other	% POS						Other	% POS	DR11	DR17	DR18	DR52	DP10	Other	% POS		Other	Method
2400	NT							NT							+	+	+	+	+		DP14,DP17,DP18+	NT			C1q

Table 32. Individual laboratory results for Serum #1269 - #1270 by Luminex - class II

**** Serum 1269 ****														**** Serum 1270 ****										Method		
Ctr	% POS	DR11	DR13	DR14	DR8	DR9	DR10	DR12	DR17	DR18	DR52	DR53	DR7	Other	% POS	DQ7	DQ8	DR7	DQ9	DR9	DR52	DR12	Other			
615		+	+	+	+	+	+	+	+	+	+	+	+	DQ2,DQ5,DQB1*05:02		+	+	+	+	+	+	+	+	DPw1,DRB3*01:01,DRB3*03:01	LMX	
731	24	+	+	+	+	+	+	+					+	DR3,DR1403,DR1404	17	+	+	+	+	+		+			LMX	
774	89	+	+	+	+	+	+	+	+	+	+	+			46	+	+	+	+	+					LMX	
910		+	+	+	+	+	+	+	+	+	+	+	+	DQA1*05,DQB1*05:01		+	+	+	+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX	
2400		+	+	+	+	+	+	+	+	+	+	+	+	DQ5		+	+	+	+	+					LMX	
3224		+	+	+	+	+	+	+	+	+	+	+	+	DQ2,DQ5,DQB1*05:02		+	+	+	+	+	+	+	+		LMX	
3632	93	+	+	+	+	+	+	+	+	+	+	+	+	DQ2,DQ5	56	+	+	+	+	+	+	+	+		LMX	
3753		+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+		DRB3*01:01, DRB3*03:01	LMX	
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	DQ2,DQ5,DQB1*05:02	33	+	+	+	+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX	
3808	25	+	+	+	+	+	+	+	+	+	+	+	+	DR1403,DR1404	16	+	+	+	+	+	+	+	+		LMX	
3966	25	+	+	+	+	+	+	+	+	+		+			13	+	+	+	+	+				DQA1*03,DQA1*05,DQA1*06	LMX	
5214		+	+	+	+	+	+	+	+	+	+	+		DQB1*05:02		+	+	+	+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX	
5219	21	+	+	+	+	+	+	+	+	+	+	+	+	DR3,DR5,DR6,DR1403 >	11	+	+	+	+	+	+	+		DQ3	LMX	
5462		+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+		DRB3*01:01, DRB3*03:01	LMX	
6649	24	+	+	+	+	+	+	+	+	+	+	+	+	DR1403,DR1404	15	+	+	+	+	+	+	+	+			LMX
8043	70	+	+	+	+	+	+	+	+	+	+				47	+	+	+	+	+					LMX	
8045		+	+	+	+	+	+				+	+		DR3	15	+	+	+	+	+	+	+	+		LMX	
8058	2													DQ4	11	+	+							DR11,DQ2	LMX	
8062		+	+	+	+	+	+	+	+	+	+	+	+	DQ2		+	+	+	+	+	+	+	+		LMX	
8086		+	+	+	+	+			+	+					200	+	+	+	+						LMX	
8090		+	+	+	+	+	+	+	+	+	+	+				+	+	+	+	+	+	+	+	DQA1*03,DQA1*05,DQA1*06	LMX	
8098		+	+	+	+	+	+	+	+	+	+	+	+	DR1403		+	+	+	+	+	+	+	+		LMX	
8100		+	+	+	+	+	+	+	+	+	+	+				+	+	+	+	+	+	+	+		LMX	
8103		+	+	+	+	+	+	+	+	+	+	+		DR3		+	+	+	+	+	+	+	+	DQ3	LMX	
8112		+	+	+	+	+	+	+	+	+	+	+	+	DQ5		+	+	+	+	+	+	+	+		LMX	

Table 33. Individual laboratory results for Serum #1271 - #1272 by Luminex - class II

		**** Serum 1271 ****																		**** Serum 1272 ****						
Ctr	% POS	DR11	DR13	DR7	DQ2	DR14	DR17	DR18	DR52	DPw2	DPw3	DPw6	DP18	DP28	DP14	DP17	DP9	DPw4	DP10	DP20	Other	% POS	DR4	DR53	Other	Method
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DP402,DPB1*04:02		+	+	DPw1,DPw5,DP14,DQA1*02	LMX
731	31	+	+	+	+	+				+	+	+	+	+	+	+	+	+			DR3,DR1403	7	+			LMX
774	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		11	+	+		LMX
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DP402		+	+		LMX
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX
3224		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DR15,DR16,DP402		+	+		LMX
3632	78	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DR16,DP402	48	+	+	DPw1,DPw5	LMX
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DP402		+	+		LMX
3766	86	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*05,DQA1*05:05	60	+	+	DPw1,DPw5,DP14, DPA1*02:01/DPB1*01:01, DPA1*02:02/DPB1*05:01	LMX
3808	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			DR3,DR1403,DP402	8	+	+	DR16	LMX
3966	34	+	+	+	+		+	+	+	+	+	+	+	+				+	+	+	DPA1*01,DPA1*02,DPA1*04,DQA1*05	7	+	+		LMX
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DP402,DQA1*05:05		+	+		LMX
5219	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR3,DR5,DR6,DR1403	4	+	+		LMX
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DP402,DPB1*04:02		+	+		LMX
6649	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			DR1403	7	+	+		LMX
8043	63	+	+	+	+	+	+	+													DR12	13	+			LMX
8045	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			DR1403	6	+	+		LMX
8058	47	+	+	+	+	+	+	+													DR4,DQ7,DQ8,DQ9	9	+	+		LMX
8062		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*05		+	+		LMX
8086		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						LMX
8090		+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	+	DPA1*01,DPA1*02,DPA1*04,DQA1*05		+	+		LMX
8098		+	+	+	+	+	+	+	+	+	+	+						+			DR1403		+	+		LMX
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DP402		+	+		LMX
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR3,DP402		+	+		LMX
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX