

SERUM EXCHANGE #579

FEBRUARY 23, 2021

Sera	1309-1312
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The results for Serum Exchange #579 are summarized in Tables 40 - 47 and individual listing of results are shown in tables 48 - 61. Strong reactivity

to A2, A3, A10 (A25, A26, A34, A66), as well as reactivity to a number of DR, DQ, and DP specificities, was examined in this study.

1309	method	#labs	A26	A66	A6601	A6602	A25	A34	B55	B60	B61	B7	B703	B13	B27	B2708	B2705	Cw8	Cw5	B81	B8101	B41	B65	B47	A11	
class I	NIH-Std	1	NT																							
	AHG	2	50%	50%				50%	50%	50%	50%	50%		50%	50%						50%		50%	50%	50%	
	Flow	1	no specificities assigned																							
	C1q	2	100%	100%			100%												100%	100%						
	PRA	4	75%	75%			75%	50%	50%	50%	50%	50%		50%	50%				50%	50%	50%		50%	50%	75%	
	SAB	21	100%	95%	19%	19%	100%	100%	100%	100%	100%	100%	24%	100%	95%	33%	19%	100%	95%	90%	19%	86%	71%	100%	95%	
1309	method	#labs	A1101	A1102	A1	A2	A203	A36	A43	A69	A80	B67	B42	B73	A68	B54	B48	B46	A33	B18	B38	B39	B3901	B64	B8	
	PRA	4			50%	75%		50%	50%	75%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%			50%	
	SAB	21	19%	19%	100%	100%	29%	100%	100%	100%	100%	95%	90%	86%	81%	81%	76%	71%	67%	67%	67%	67%	10%	86%	67%	
1309	method	#labs	Cw1	Cw10	A29	B59	Cw9	Cw14	Cw16	B45	Cw17	Cw12	B37	A32	B50	B56	B78	Cw6	A10C	A74	B40	B51	B71	B7C	B82	Cw18
	PRA	4	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%			50%				50%	
	SAB	21	67%	67%	57%	52%	67%	52%	52%	48%	48%	43%	33%	14%	14%	14%	14%	14%	10%	10%	10%	10%	10%	10%	10%	10%
1309	method	#labs	DR9	DQ5	DQ6	DR1	DR103	DR10	DR11	DR12	DR13	DR14	DR17	DR18	DR3	DR4	DR51	DR52	DR53	DR7	DR8					
class II	Flow	1	no specificities assigned																							
	C1q	2	100%	50%	50%																					
	PRA	4	75%	75%	75%	50%	50%	75%	75%	50%	75%	75%	75%	75%		50%	50%	50%	75%	50%	75%					
	SAB	19	100%	100%	100%	100%	95%	100%	100%	100%	100%	100%	100%	100%	11%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
1309	method	#labs	DQ8	DQ7	DQ9	DQ3	DQA1*03	DQA1*01	DQ4	DR1403	DR1404	DQA1*05	DQA1*06	DP14	DP17	DP20	DP9	DPw2	DPw3	DPw6	DQ2	Dpw4				
	PRA	4	50%	50%	50%		25%	25%	25%			25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%		
	SAB	19	95%	89%	89%	11%	63%	53%	37%	26%	26%	21%	16%	11%	11%	11%	11%	11%	11%	11%	11%					

Serum 1309. For this sample, strong anti-A25 (15067), -A26 (14968), and -A66 (10052) reactivity was reported by antiglobulin, C1q, PRA, and SAB labs. Additional reactivity to A34 (6730), B65 (2500), A11 (6251), as well as reactivity to a number of 7C specificities was reported by various methods. PRA and SAB labs also reported reactivity to a number of C-locus, 5C, and 10C specificities.

Class II reactivity was reported in this sample, with C1q, PRA, and SAB each reporting strong reactivity to DR9 (17029), DQ5 (12578), and DQ6 (13886). Additional reactivity to other DR and DQ specificities, including DR13 (11587), DR14 (11224), DR17 (9359), DR18 (8733), and DR53 (16906), was reported by PRA and SAB labs.

*(median MFI)

1310	method	#labs	A25	A26	A34	A66	A6601	A6602	A43	B57	B58	B63	B38	A11	A1101	A1102	A29	B54	B55	A33	A80	B39	B3901
class I	NIH-Std	1	NT																				
	AHG	2	50%	50%	50%					50%	50%	50%	50%	50%									
	Flow	1	no specificities assigned																				
	C1q	2	100%	100%		100%				50%													
	PRA	4	75%	75%	75%	75%				75%	75%	75%	75%	75%	75%			75%	75%	75%	25%	75%	75%
	SAB	21	100%	100%	100%	95%	19%	19%	100%	100%	100%	100%	95%	95%	19%	19%	100%	100%	86%	86%	81%	81%	29%

1310	method	#labs	A36	A68	B67	A1	A69	A31	B56	B41	B42	B73	A74	B59	B8	Cw18	Cw6	Cw7	A3	A30	A10C	B15	B64	B65
	PRA	4	25%	25%	75%	50%	25%	25%	75%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%				25%	25%
	SAB	21	76%	76%	76%	62%	62%	48%	62%	52%	52%	48%	43%	38%	33%	19%	19%	19%	10%	71%	10%	10%		

1310	method	#labs	DPw2	DPw3	DPw6	DP9	DP20	DP18	DP28	DR10	DR11	DR12	DR13	DR14	DR1403	DR1404
class II	Flow	1	no specificities assigned													
	C1q	2	50%	50%	50%	50%	50%									
	PRA	4	50%	25%	50%	25%	50%	50%	50%	50%	75%	95%	95%	95%		
	SAB	19	95%	95%	95%	89%	63%	95%	95%	95%	95%	95%	95%	95%	32%	32%

1310	method	#labs	DR17	DR18	DR3	DR52	DR9	DP14	DP17	DR7	DQ6	DPw4	DQ8	DQ9	DQ7	DP10
	PRA	4	95%	95%		95%	50%	25%	25%	95%	25%	50%	25%	50%	50%	50%
	SAB	19	95%	95%	11%	95%	95%	89%	89%	89%	84%	79%	68%	68%	68/0%	57%

1310	method	#labs	DQA1*05	DPA1*01	DPA1*04	DPw1	DQA1*06	DQA1*03	DPA1*02	DPw5	DR103	DR4	DQA1*01	DP402	DR8	DQ2	DR53
	PRA	4	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%				25%	25%
	SAB	19	32%	21%	21%	21%	21%	16%	11%	11%	11%	11%	53%	37%	11%		

Serum 1310. Anti-A25 (16018), -A26 (7846), and -A34 (7941) reactivity was reported for this sample by antiglobulin, C1q, PRA, and SAB. Additional reactivity to A66 (11460), B57 (11298), B58 (9364), B63 (9317), B38 (4271), and A11 (5753) was reported by various methods.

Strong reactivity to a number of DP specificities was reported for this

sample by C1q, PRA, and SAB labs, including reactivity to DP2 (16564), DP3 (17277), DP6 (16331), DP9 (16453), and DP20 (18720). Additional reactivity to other DP specificities, as well as reactivity to a number of DR, DQA, and DPA specificities, including strong anti-DR11 (14446), -DR17 (9159), and -DR18 (8248) reactivity, was reported by SAB and Luminex.

1311	method	#abs	A25	A26	A29	A3	A31	A32	A33	A34	A66	A6601	A6602	A11	A1101	A1102	A68	A69	A28	
class I	NIH-Std	1	no consensus																	
	AHG	2	50%	50%	50%	50%	50%	50%	50%	100%	50%			50%			50%		50%	
	Flow	1	no specificities assigned																	
	C1q	3	100%	33%	67%	100%	67%	100%	100%	100%	100%			100%			33%	33%		
	PRA	4	75%	75%	75%	75%	75%	75%	75%	75%	75%			75%			75%	75%		
	SAB	21	100%	100%	100%	100%	100%	100%	100%	100%	95%	24%	24%	95%	19%	19%	100%	100%		

1311	method	#abs	A30	A43	A74	A80	B18	A36	A1	Cw12	A24	A2403	A23	Cw17	Cw6	A2	A10C	A1C
	AHG	2														50%		
	PRA	4	75%	50%	75%	50%	50%	50%	50%	50%	50%		50%	50%	50%			
	SAB	21	100%	100%	100%	100%	90%	71%	62%	57%	52%	10%	10%	43%	33%		19%	14%

1311	method	#abs	NEG
class II	Flow	1	no consensus
	C1q	2	100%
	PRA	3	100%
	SAB	14	93%

Serum 1311. For this sample, strong anti-A25 (17214), -A3 (21675), -A34 (16253), and -A66 (20766) reactivity was reported by all methods except Flow. Additional reactivity to a number of other 1C and 10C specificities, including strong reactivity to A26 (14136), A29 (18190), A32 (20043), and A33

(18316), was also reported by AHG, C1q, PRA, and SAB.

This sample was reported as negative for class II by Flow, C1q, PRA, and SAB.

1312	method	#labs	A3	A2	A203	A68	A69	A28	A74	A33	A31	B27	B2705	B2708	B60	B61	B7	B703	A34	A66	A6602	Cw7	Cw6	A29	A30	B13	
class I	NIH-Std	1	no consensus																								
	AHG	2	50%	50%		50%		50%	50%	50%		50%			50%	50%	50%		50%								
	Flow	1	no specificities assigned																								
	C1q	3	100%	67%		33%			33%	33%	33%									33%		33%	33%				
	PRA	4	75%	75%		75%	75%		75%	75%	75%	50%			75%	50%	75%		50%	50%		50%	50%	75%	75%	50%	
	SAB	21	100%	100%	33%	100%	100%		100%	100%	100%	100%	24%	43%	100%	100%	100%	29%	81%	81%	33%	95%	71%	100%	100%	100%	

1312	method	#labs	B81	B8101	B47	B48	B42	A80	A32	B67	A11	A1101	A36	B55	B73	B56	A25	B8	B82	A24	A2403	A10C	B40	B41	B51	B54	Cw2
	PRA	4	75%		50%	50%	50%	50%	25%	25%	25%		25%	25%	25%	25%	25%	25%	25%	25%				25%	25%	25%	25%
	SAB	21	95%	19%	95%	81%	62%	62%	48%	43%	38%	10%	38%	29%	29%	19%	14%	14%	10%	10%	10%	10%	10%				

1312	method	#labs	DQ2	DR15	DR16	DR7	DR9	DR12	DP11	DP15	DP14	DP17	DP9	DPA1*02	DR51	DPw5	DQA1*02	DP13	DPA1*04								
class II	Flow	1	no specificities assigned																								
	C1q	2	100%	100%	100%	100%																					
	PRA	4	75%	75%	75%	75%	75%	50%	50%	25%	25%	25%	25%	25%	75%	50%	25%	25%									
	SAB	20	100%	100%	100%	100%	100%	100%	95%	84%	74%	74%	74%	74%	63%	58%	58%	47%	47%								

1312	method	#labs	DP10	DQ5	DR103	DP19	DP28	DPw1	DQ4	DPw6	DQA1*05	DP18	DPw3	DQ8	DPw4	DQ6	DPw2	DQ7	DQ9
	PRA	4	25%	50%	25%		25%	25%	25%	25%	25%	25%		25%			25%	25%	25%
	SAB	20	42%	37%	37%	32%	32%	26%	26%	21%	21%	16%	16%	16%	11%	11%			

Serum 1312. For this sample, strong anti-A3 (22196) reactivity was reported by all methods, except Flow. Additional reactivity to A2 (16140), as well as reactivity to a number of C-locus, 7C, and 10C specificities was reported by various methods.

Strong class II reactivity was also reported for this sample, with C1q,

PRA, and SAB each reporting reactivity to DQ2 (14972), DR15 (21188), DR16 (19201), and DR7 (21412). Additional reactivity to other DR specificities, as well as DP, was also reported by PRA and SAB, including reactivity to DR9 (5430), DR12 (3682), DP11 (8900), and DP15 (6221). Strong anti-DQA1*05 (26466) reactivity was also reported by some labs.

NEXT MAILING DATE: March 3, 2021

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Table 40. Summary of the 579th Serum Exchange (Serum #1309-1312) by NIH-Standard - class I

Method: NIH-Standard											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
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			no consensus		

Table 41. Summary of the 579th Serum Exchange (Serum #1309-1312) by Antiglobulin and Flow Cytometry - class I

Method: Antiglobulin											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A11	50%	100%	A11	50%	100%	A34	100%	71%	A2	50%	100%
A26	50%	100%	A25	50%	100%	A11	50%	100%	A28	50%	100%
A34	50%	100%	A26	50%	100%	A25	50%	100%	A3	50%	100%
A66	50%	100%	A34	50%	100%	A26	50%	100%	A33	50%	100%
B13	50%	100%	B57	50%	100%	A28	50%	100%	A34	50%	100%
B27	50%	100%	B58	50%	100%	A29	50%	100%	A68	50%	100%
B41	50%	100%	B63	50%	100%	A3	50%	100%	A74	50%	100%
B60	50%	100%	B38	50%	67%	A31	50%	100%	B27	50%	100%
B61	50%	100%				A32	50%	100%	B60	50%	100%
B65	50%	100%				A33	50%	100%	B61	50%	100%
B7	50%	100%				A66	50%	100%	B7	50%	100%
B81	50%	100%				A68	50%	100%			
B55	50%	83%				A2	50%	61%			

Method: Flow Cytometry											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no specificities assigned			no specificities assigned			no specificities assigned			no specificities assigned		

Table 42. Summary of the 579th Serum Exchange (Serum #1309-1312) by C1q- class I

Method: C1q											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
2 typing Labs			2 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A25	100%	100%	A25	100%	100%	A11	100%	100%	A3	100%	100%
A26	100%	100%	A26	100%	100%	A25	100%	100%	A2	67%	100%
A66	100%	100%	A66	100%	100%	A3	100%	100%	A31	33%	100%
Cw5	100%	100%	A43	50%	100%	A32	100%	100%	A33	33%	100%
Cw8	100%	100%				A33	100%	100%	A66	33%	100%
						A34	100%	100%	A68	33%	100%
						A66	100%	100%	A74	33%	100%
						A29	67%	100%	Cw6	33%	100%
						A31	67%	100%	Cw7	33%	100%
						A74	67%	100%			
						A26	33%	100%			
						A30	33%	100%			
						A43	33%	100%			
						A68	33%	100%			
						A69	33%	100%			

Table 43. Summary of the 579th Serum Exchange (Serum #1309-1312) by PRA- class I

Method: Luminex - PRA											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
4 typing Labs			4 typing Labs			4 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A11	75%	100%	A25	75%	100%	A11	75%	100%	A2	75%	100%
A2	75%	100%	A26	75%	100%	A25	75%	100%	A29	75%	100%
A25	75%	100%	A34	75%	100%	A26	75%	100%	A3	75%	100%
A26	75%	100%	A66	75%	100%	A29	75%	100%	A30	75%	100%
A66	75%	100%	B57	75%	100%	A3	75%	100%	A31	75%	100%
A69	75%	100%	B58	75%	100%	A30	75%	100%	A33	75%	100%
A1	50%	100%	B63	75%	100%	A31	75%	100%	A68	75%	100%
A33	50%	100%	A11	50%	100%	A32	75%	100%	A69	75%	100%
A34	50%	100%	A29	50%	100%	A33	75%	100%	A74	75%	100%
A36	50%	100%	A30	50%	100%	A34	75%	100%	B60	75%	100%
A43	50%	100%	A43	50%	100%	A66	75%	100%	B7	75%	100%
B13	50%	100%	A80	50%	100%	A68	75%	100%	B81	75%	100%
B18	50%	100%	B38	50%	100%	A69	75%	100%	A34	50%	100%
B27	50%	100%	B39	50%	100%	A74	75%	100%	A66	50%	100%
B38	50%	100%	B54	50%	100%	A1	50%	100%	A80	50%	100%
B39	50%	100%	B55	50%	100%	A36	50%	100%	B13	50%	100%
B41	50%	100%	B56	50%	100%	A43	50%	100%	B27	50%	100%
B42	50%	100%	B67	50%	100%	A80	50%	100%	B42	50%	100%
B45	50%	100%	A1	25%	100%	B18	50%	100%	B47	50%	100%
B46	50%	100%	A3	25%	100%	Cw12	50%	100%	B48	50%	100%
B47	50%	100%	A31	25%	100%	Cw17	50%	100%	B61	50%	100%
B48	50%	100%	A33	25%	100%	A23	25%	100%	Cw6	50%	100%
B54	50%	100%	A36	25%	100%	A24	25%	100%	Cw7	50%	100%
B55	50%	100%	A68	25%	100%	Cw6	25%	100%	A11	25%	100%
B59	50%	100%	A69	25%	100%				A24	25%	100%
B60	50%	100%	A74	25%	100%				A25	25%	100%
B61	50%	100%	B37	25%	100%				A32	25%	100%
B64	50%	100%	B41	25%	100%				A36	25%	100%
B65	50%	100%	B42	25%	100%				B41	25%	100%
B67	50%	100%	B59	25%	100%				B51	25%	100%
B7	50%	100%	B64	25%	100%				B54	25%	100%
B73	50%	100%	B65	25%	100%				B55	25%	100%
B8	50%	100%	B73	25%	100%				B56	25%	100%
B81	50%	100%	B8	25%	100%				B67	25%	100%
Cw1	50%	100%	Cw18	25%	100%				B73	25%	100%

Table 43. Summary of the 579th Serum Exchange (Serum #1309-1312) by PRA- class I

Method: Luminex - PRA, cont.								
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1312 ***		
4 typing Labs			4 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
Cw10	50%	100%	Cw6	25%	100%	B8	25%	100%
Cw14	50%	100%	Cw7	25%	100%	B82	25%	100%
Cw16	50%	100%				Cw2	25%	100%
Cw17	50%	100%						
Cw5	50%	100%						
Cw8	50%	100%						
Cw9	50%	100%						
A29	25%	100%						
A32	25%	100%						
A68	25%	100%						
A74	25%	100%						
A80	25%	100%						
B37	25%	100%						
B50	25%	100%						
B51	25%	100%						
B56	25%	100%						
B78	25%	100%						
B82	25%	100%						
Cw12	25%	100%						
Cw6	25%	100%						

Table 44. Summary of the 579th Serum Exchange (Serum #1309-1312) by Single Antigen - class I

Method: Luminex - SAB											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
21 typing Labs			21 typing Labs			21 typing Labs			21 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	100%	100%	A25	100%	100%	A25	100%	100%	A2	100%	100%
A2	100%	100%	A26	100%	100%	A26	100%	100%	A29	100%	100%
A25	100%	100%	A29	100%	100%	A29	100%	100%	A3	100%	100%
A26	100%	100%	A34	100%	100%	A3	100%	100%	A30	100%	100%
A34	100%	100%	A43	100%	100%	A30	100%	100%	A31	100%	100%
A36	100%	100%	B54	100%	100%	A31	100%	100%	A33	100%	100%
A43	100%	100%	B57	100%	100%	A32	100%	100%	A68	100%	100%
A69	100%	100%	B58	100%	100%	A33	100%	100%	A69	100%	100%
A80	100%	100%	B63	100%	100%	A34	100%	100%	A74	100%	100%
B13	100%	100%	A66	95%	100%	A43	100%	100%	B13	100%	100%
B47	100%	100%	B38	95%	100%	A68	100%	100%	B27	100%	100%
B55	100%	100%	A11	95%	92%	A69	100%	100%	B60	100%	100%
B60	100%	100%	B55	86%	100%	A74	100%	100%	B61	100%	100%
B61	100%	100%	A33	86%	75%	A80	100%	100%	B7	100%	100%
B7	100%	100%	A80	81%	100%	A11	95%	100%	B81	95%	100%
Cw8	100%	85%	B39	81%	100%	A66	95%	100%	Cw7	95%	86%
A11	95%	100%	A36	76%	100%	B18	90%	100%	B47	95%	50%
A66	95%	100%	A68	76%	100%	A36	71%	100%	A66	81%	100%
B27	95%	100%	B67	76%	100%	A1	62%	100%	B48	81%	100%
B67	95%	100%	A30	71%	83%	Cw12	57%	100%	A34	81%	75%
Cw5	95%	100%	A1	62%	100%	A24	52%	100%	Cw6	71%	77%
B42	90%	100%	A69	62%	100%	Cw17	43%	100%	B42	62%	100%
B81	90%	100%	B56	62%	50%	Cw6	33%	100%	A80	62%	50%
B41	86%	100%	B41	52%	100%	A6601	24%	100%	A32	48%	100%
B64	86%	100%	B42	52%	100%	A6602	24%	100%	B2708	43%	100%
B73	86%	100%	A31	48%	100%	A10C	19%	100%	B67	43%	100%
A68	81%	100%	B73	48%	100%	A1101	19%	100%	A11	38%	100%
B54	81%	100%	A74	43%	100%	A1102	19%	100%	A36	38%	100%
B48	76%	100%	B59	38%	100%	A1C	14%	100%	A203	33%	100%
B46	71%	100%	B8	33%	100%	A23	10%	100%	A6602	33%	100%
B65	71%	100%	B3901	29%	100%	A2403	10%	100%	B55	29%	100%
A33	67%	100%	A1101	19%	100%				B703	29%	100%
B18	67%	100%	A1102	19%	100%				B73	29%	100%
B38	67%	100%	A6601	19%	100%				B2705	24%	100%
B39	67%	100%	A6602	19%	100%				B56	19%	100%

Table 44. Summary of the 579th Serum Exchange (Serum #1309-1312) by Single Antigen - class I

Method: Luminex - SAB, cont.											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
21 typing Labs			21 typing Labs			21 typing Labs			21 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B8	67%	100%	Cw18	19%	100%				B8101	19%	100%
Cw1	67%	100%	Cw6	19%	100%				A25	14%	100%
Cw10	67%	100%	Cw7	19%	100%				B8	14%	100%
Cw9	67%	100%	A10C	10%	100%				A10C	10%	100%
A29	57%	100%	A3	10%	100%				A1101	10%	100%
B59	52%	100%	B15	10%	100%				A24	10%	100%
Cw14	52%	100%							A2403	10%	100%
Cw16	52%	100%							B40	10%	100%
B45	48%	100%							B82	10%	100%
Cw17	48%	100%									
Cw12	43%	100%									
B2708	33%	100%									
B37	33%	100%									
A203	29%	100%									
B703	24%	100%									
A1101	19%	100%									
A1102	19%	100%									
A6601	19%	100%									
A6602	19%	100%									
B2705	19%	100%									
B8101	19%	100%									
A32	14%	100%									
B50	14%	100%									
B56	14%	100%									
B78	14%	100%									
Cw6	14%	100%									
A10C	10%	100%									
A74	10%	100%									
B3901	10%	100%									
B40	10%	100%									
B51	10%	100%									
B71	10%	100%									
B7C	10%	100%									
B82	10%	100%									
Cw18	10%	100%									

Table 45. Summary of the 579th Serum Exchange (Serum #1309-1312) by Flow Cytometry and C1q - class II

Method: Flow Cytometry											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no specificities assigned			no specificities assigned			no consensus			no specificities assigned		

Method: C1q											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR9	100%	100%	DP20	50%	100%	NEG	100%	-	DQ2	100%	100%
DQ5	50%	100%	DP9	50%	100%				DR15	100%	100%
DQ6	50%	100%	DPw2	50%	100%				DR16	100%	100%
			DPw3	50%	100%				DR7	100%	100%
			DPw6	50%	100%						

Table 46. Summary of the 579th Serum Exchange (Serum #1309-1312) by PRA- class II

Method: Luminex - PRA											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311***			*** Serum 1312 ***		
4 typing Labs			4 typing Labs			3 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ5	75%	100%	DR11	75%	100%	NEG	100%	-	DQ2	75%	100%
DQ6	75%	100%	DR12	75%	100%				DR15	75%	100%
DR10	75%	100%	DR13	75%	100%				DR16	75%	100%
DR11	75%	100%	DR14	75%	100%				DR51	75%	100%
DR13	75%	100%	DR17	75%	100%				DR7	75%	100%
DR14	75%	100%	DR18	75%	100%				DR9	75%	100%
DR17	75%	100%	DR52	75%	100%				DP11	50%	100%
DR18	75%	100%	DR7	75%	100%				DPw5	50%	100%
DR53	75%	100%	DP10	50%	100%				DQ5	50%	100%
DR8	75%	100%	DP18	50%	100%				DR12	50%	100%
DR9	75%	100%	DP20	50%	100%				DP10	25%	100%
DQ7	50%	100%	DP28	50%	100%				DP13	25%	100%
DQ8	50%	100%	DPw2	50%	100%				DP14	25%	100%
DQ9	50%	100%	DPw4	50%	100%				DP15	25%	100%
DR1	50%	100%	DPw6	50%	100%				DP17	25%	100%
DR103	50%	100%	DQ7	50%	100%				DP18	25%	100%
DR12	50%	100%	DQ9	50%	100%				DP28	25%	100%
DR4	50%	100%	DR10	50%	100%				DP9	25%	100%
DR51	50%	100%	DR9	50%	100%				DPA1*02	25%	100%
DR52	50%	100%	DP14	25%	100%				DPw1	25%	100%
DR7	50%	100%	DP17	25%	100%				DPw2	25%	100%
DP14	25%	100%	DP9	25%	100%				DPw6	25%	100%
DP17	25%	100%	DPA1*01	25%	100%				DQ4	25%	100%
DP20	25%	100%	DPA1*02	25%	100%				DQ7	25%	100%
DP9	25%	100%	DPA1*04	25%	100%				DQ8	25%	100%
DPw2	25%	100%	DPw1	25%	100%				DQ9	25%	100%
DPw3	25%	100%	DPw3	25%	100%				DQA1*02	25%	100%
DPw4	25%	100%	DPw5	25%	100%				DQA1*05	25%	100%
DPw6	25%	100%	DQ2	25%	100%				DR103	25%	100%
DQ2	25%	100%	DQ6	25%	100%						
DQ4	25%	100%	DQ8	25%	100%						
DQA1*01	25%	100%	DQA1*03	25%	100%						
DQA1*03	25%	100%	DQA1*05	25%	100%						
DQA1*05	25%	100%	DQA1*06	25%	100%						
DQA1*06	25%	100%	DR103	25%	100%						

Table 47. Summary of the 579th Serum Exchange (Serum #1309-1312) by Single Antigen - class II

Method: Luminex - SAB											
*** Serum 1309 ***			*** Serum 1310 ***			*** Serum 1311 ***			*** Serum 1312 ***		
19 typing Labs			19 typing Labs			14 typing Labs			19 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ5	100%	100%	DP18	95%	100%	NEG	93%	-	DQ2	100%	100%
DQ6	100%	100%	DP28	95%	100%	DP10	7%	100%	DR15	100%	100%
DR1	100%	100%	DPw2	95%	100%	DP14	7%	100%	DR16	100%	100%
DR10	100%	100%	DPw3	95%	100%	DP17	7%	100%	DR7	100%	100%
DR11	100%	100%	DPw6	95%	100%	DP18	7%	100%	DR9	100%	100%
DR12	100%	100%	DR10	95%	100%	DP20	7%	100%	DR12	100%	80%
DR13	100%	100%	DR11	95%	100%	DP28	7%	100%	DP11	95%	100%
DR14	100%	100%	DR12	95%	100%	DP402	7%	100%	DP15	84%	100%
DR17	100%	100%	DR13	95%	100%	DP9	7%	100%	DP14	74%	100%
DR18	100%	100%	DR14	95%	100%	DPA1*01	7%	100%	DP17	74%	100%
DR4	100%	100%	DR17	95%	100%	DPw2	7%	100%	DP9	74%	100%
DR51	100%	100%	DR18	95%	100%	DPw3	7%	100%	DPA1*02	74%	100%
DR52	100%	100%	DR52	95%	100%	DPw6	7%	100%	DR51	63%	100%
DR53	100%	100%	DR9	95%	100%	DQ7	7%	100%	DPw5	58%	100%
DR7	100%	100%	DP14	89%	100%	DQ8	7%	100%	DQA1*02	58%	100%
DR8	100%	100%	DP17	89%	100%	DQ9	7%	100%	DP13	47%	100%
DR9	100%	100%	DP9	89%	100%	DR10	7%	100%	DPA1*04	47%	100%
DQ8	95%	100%	DR7	89%	100%	DR11	7%	100%	DP10	42%	100%
DR103	95%	100%	DQ6	84%	100%	DR13	7%	100%	DQ5	37%	100%
DQ7	89%	100%	DPw4	79%	92%	DR14	7%	100%	DR103	37%	100%
DQ9	89%	100%	DQ8	68%	100%	DR17	7%	100%	DP19	32%	100%
DQA1*03	63%	100%	DQ9	68%	100%	DR18	7%	100%	DP28	32%	100%
DQA1*01	53%	100%	DQ7	68%	92%	DR52	7%	100%	DPw1	26%	100%
DQ4	37%	100%	DQ7	68%	92%				DQ4	26%	100%
DR1403	26%	100%	DP20	63%	100%				DPw6	21%	100%
DR1404	26%	100%	DP10	57%	100%				DQA1*05	21%	100%
DQA1*05	21%	100%	DQA1*01	53%	100%				DP18	16%	100%
DQA1*06	16%	100%	DP402	37%	100%				DPw3	16%	100%
DP14	11%	100%	DQA1*05	32%	100%				DQ8	16%	100%
DP17	11%	100%	DR1403	32%	100%				DPw4	11%	100%
DP20	11%	100%	DR1404	32%	100%				DQ6	11%	100%
DP9	11%	100%	DPA1*01	21%	100%						
DPw2	11%	100%	DPA1*04	21%	100%						
DPw3	11%	100%	DPw1	21%	100%						
DPw6	11%	100%	DQA1*06	21%	100%						
			DQA1*03	16%	100%						

Table 48. Individual laboratory results for Serum #1309 - #1312 by NIH-Standard - class I

		**** Serum 1309 ****				**** Serum 1310 ****				**** Serum 1311 ****					**** Serum 1312 ****				
Ctr	% POS			Other	% POS			Other	% POS	A25	A3	A34	A66	Other	% POS	A3		Other	Method
786	NT				NT					+	+	+	+			+			STD

NIH=Standard

Table 49. Individual laboratory results for Serum #1309 - #1312 by Antiglobulin and Flow Cytometry - class

**** Serum 1309 ****														**** Serum 1310 ****															
Ctr	% POS	A11	A26	A34	A66	B13	B27	B41	B60	B61	B65	B7	B81	B55	Other	% POS	A11	A25	A26	A34	B57	B58	B63	B38				Other	Method
774	76	+	+	+	+	+	+	+	+	+	+	+	+	+		52	+	+	+	+	+	+	+	+					Antiglobulin
786	NT															NT													Antiglobulin

**** Serum 1311 ****														**** Serum 1312 ****															
Ctr	% POS	A34	A11	A25	A26	A28	A29	A3	A31	A32	A33	A66	A68	A2	Other	% POS	A2	A28	A3	A33	A34	A68	A74	B27	B60	B61	B7	Other	Method
774	83	+	+		+	+	+		+	+	+		+	+		89	+	+		+	+	+	+	+	+	+	+		Antiglobulin
786		+		+				+				+		+				+											Antiglobulin

**** Serum 1309 ****														**** Serum 1310 ****															
Ctr	% POS															% POS													Method
5214	99															96													FC

**** Serum 1311 ****														**** Serum 1312 ****															
Ctr	% POS															% POS													Method
5214	99															96													FC

FC = Flow Cytometry

Table 50. Individual laboratory results for Serum #1309 - #1312 by C1q - class I

Ctr	**** Serum 1309 ****							**** Serum 1310 ****				**** Serum 1311 ****										**** Serum 1312 ****				Method		
	% POS	A25	A26	A66	Cw5	Cw8	Other	% POS	A25	A26	A66	Other	% POS	A11	A25	A3	A32	A33	A34	A66	A29	A31	A74	Other	% POS		A3	A2
786	NT								NT					+	+	+	+	+	+	+	+	+	+		+	NT		C1q
2400		+	+	+	+	+			+	+	+	A43		+	+	+	+	+	+	+					+	+	Cw6,A66,A31,A33 >	C1q
3753		+	+	+	+	+			+	+	+			+	+	+	+	+	+	+	+	+	+	A26,A30,A68,A69 >	+	+		C1q

Table 52. Individual laboratory results for Serum #1309 by Luminex SAB - class I, cont.

**** Serum 1309 ****					
Ctr	B37	A203	B703	Other	Method
615	+			Cw6,B78,B50,B51, B*51:01 >	Luminex-SAB
725					Luminex-SAB
774					Luminex-SAB
786	+				Luminex-SAB
910	+				Luminex-SAB
1647					Luminex-SAB
2400					Luminex-SAB
3753					Luminex-SAB
3766	+	+		B8101,B2705,A1101,A1102 >	Luminex-SAB
3808		+	+	B8101,B2705,A1101,A1102 >	Luminex-SAB
3966	+			Cw6,B50,B56,A32	Luminex-SAB
4322	+			Cw6,B78,B50,B51 >	Luminex-SAB
5214					Luminex-SAB
5219		+	+	B40,A10,B22,A28 >	Luminex-SAB
6649					Luminex-SAB
8045					Luminex-SAB
8082	+			B78	Luminex-SAB
8098		+	+	Bw4,Bw6,B12C,B5C >	Luminex-SAB
8100					Luminex-SAB
8103		+	+	B40,B8101,B2705,A1101 >	Luminex-SAB
8121		+	+		Luminex-SAB

Table 53. Individual laboratory results for Serum #1310 by Luminex SAB - class I

		**** Serum 1310 ****																																		
Ctr	% POS	A25	A26	A29	A34	A43	B54	B57	B58	B63	A66	B38	A11	B55	A33	A80	B39	A36	A68	B67	A30	A1	A69	B56	B41	B42	A31	B73	A74	B59	B8	B3901	Other	Method		
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw6,A3,Cw7,Cw18	Luminex-SAB	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Luminex-SAB	
774	70	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Luminex-SAB	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw6,Cw7,Cw18	Luminex-SAB	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Luminex-SAB	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Luminex-SAB	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Luminex-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Luminex-SAB	
3766	77	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A1101,A1102,A6601,A6602	Luminex-SAB	
3808	17	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ A1101,A1102,A6601,A6602	Luminex-SAB	
3966	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,Cw7,Cw18	Luminex-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,A3,Cw7,Cw18	Luminex-SAB	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB	
5219	11	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,A10,B22,A19 >	Luminex-SAB	
6649	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB	
8045	16	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Luminex-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ Bw4,Bw6,B5C,B8C >	Luminex-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB
8103	16	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ B15,A1101,A1102,A6601 >	Luminex-SAB
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Luminex-SAB

Table 54. Individual laboratory results for Serum #1311 by Luminex SAB - class I

		**** Serum 1311 ****																											
Ctr	% POS	A25	A26	A29	A3	A30	A31	A32	A33	A34	A43	A68	A69	A74	A80	A11	A66	B18	A36	A1	Cw12	A24	Cw17	Cw6	A6601	A6602	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			A23	Luminex-SAB	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+							Luminex-SAB
774	86	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									Luminex-SAB
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					Luminex-SAB
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					Luminex-SAB
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						Luminex-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						Luminex-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+						Luminex-SAB
3766	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A1101,A1102	Luminex-SAB
3808	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+											+	+	A1101,A1102	Luminex-SAB
3966	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						Luminex-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				A23	Luminex-SAB
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+		Luminex-SAB
5219	22	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+	+	A10,A19,A28,A1C >	Luminex-SAB
6649	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					Luminex-SAB
8045	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+						A2403,A10C	Luminex-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+				Luminex-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							Bw4,Bw6,A2403,B5C >	Luminex-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							A1C,A10C	Luminex-SAB
8103	22	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+	+	A1101,A1102	Luminex-SAB
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									Luminex-SAB

Table 55. Individual laboratory results for Serum #1312 by Luminex SAB - class I

		**** Serum 1312 ****																																						
Ctr	% POS	A2	A29	A3	A30	A31	A33	A68	A69	A74	B13	B27	B60	B61	B7	B81	Cw7	B47	A66	B48	A34	Cw6	B42	A80	A32	B2708	B67	A11	A36	A203	A6602	B55	B703	B73	B2705	Other	Method			
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+			+						A24,B82,B56,A25, A*24:03 >	Luminex-SAB	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+														Luminex-SAB
774	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+															Luminex-SAB	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+			+						B56,A25	Luminex-SAB	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+								+		Luminex-SAB	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									+						Luminex-SAB	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														Luminex-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+										Luminex-SAB	
3766	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101,A1101,A1102,A6601	Luminex-SAB		
3808	29	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8101	Luminex-SAB		
3966	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B56,B59,B8	Luminex-SAB		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B82,B54,B56,A25 >	Luminex-SAB		
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB		
5219	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,A10,A19,A28 >	Luminex-SAB		
6649	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB		
8045	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB		
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A1101	Luminex-SAB		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4,Bw6,B12C,B7C >	Luminex-SAB		
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB		
8103	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B8101	Luminex-SAB		
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Luminex-SAB		

Table 56. Individual laboratory results for Serum #1309 - 1312 by Flow Cytometry and C1q - class I

		**** Serum 1309 ****				**** Serum 1310 ****				**** Serum 1311 ****				**** Serum 1312 ****							
Ctr	% POS					% POS					% POS					% POS					Method
5214	99					99					0					83					FC

FC = Flow Cytometry

		**** Serum 1309 ****					**** Serum 1310 ****					**** Serum 1311 ****				**** Serum 1312 ****							
Ctr	% POS	DR9	DQ5	DQ6	Other	% POS	DP20	DP9	DPw2	DPw3	DPw6	Other	% POS			Other	% POS	DQ2	DR15	DR16	DR7	Other	Method
2400		+	+	+			+	+	+	+	+		0					+	+	+	+		C1q
3753		+				0							0					+	+	+	+		C1q

Table 57. Individual laboratory results for Serum #1309 - 1312 by Luminex PRA - class II

**** Serum 1309 ****																								
Ctr	% POS	DQ5	DQ6	DR10	DR11	DR13	DR14	DR17	DR18	DR53	DR8	DR9	DQ7	DQ8	DQ9	DR1	DR103	DR12	DR4	DR51	DR52	DR7	Other	Method
2400	100																							
3753	99	+	+	+	+	+	+	+	+	+	+	+												
8058	69	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ2,DQ4,DPw2,DPw3 >
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*01,DQA1*03,DQA1*05,DQA1*06

**** Serum 1310 ****																								
Ctr	% POS	DR11	DR12	DR13	DR14	DR17	DR18	DR52	DR7	DP10	DP18	DP20	DP28	DPw2	DPw4	DPw6	DQ7	DQ9	DR10	DR9			Other	Method
2400	97																							
3753	67	+	+	+	+	+	+	+	+															
8058	57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR103,DR4,DR53,DQ2 >
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*01,DPA1*02,DPA1*04,DQA1*03>

**** Serum 1311 ****																									
Ctr	% POS																							Other	Method
2400	0																								
3753	0																								
8058	0																								
8112	NT																								

**** Serum 1312 ****																									
Ctr	% POS	DQ2	DR15	DR16	DR51	DR7	DR9	DP11	DPw5	DQ5	DR12													Other	Method
2400	69																								
3753	53	+	+	+	+	+	+																		
8058	42	+	+	+	+	+	+	+	+	+	+													DR103,DQ4,DQ7,DQ8 >	
8112		+	+	+	+	+	+	+	+	+	+													DPA1*02,DQA1*02,DQA1*05	

Table 58. Individual laboratory results for Serum #1309 by Luminex SAB - class II

		**** Serum 1309 ****																												
Ctr	% POS	DQ5	DQ6	DR1	DR10	DR11	DR12	DR13	DR14	DR17	DR18	DR4	DR51	DR52	DR53	DR7	DR8	DR9	DQ8	DR103	DQ7	DQ9	DQA1*03	DQA1*01	DQ4	DR1403	DR1404	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			DPw2,DPw3,DPw6,DP9 >	LMX-SAB	
774	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+					LMX-SAB
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					DQA1*03:01, DQA1*03:03	LMX-SAB	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					DRB1*06:01, DRB1*06:03	LMX-SAB	
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					DQA1*05,DQA1*06	LMX-SAB	
3808	52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+			LMX-SAB
3966	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DQA1*05	LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DR16,DPw1,DPw2,DPw3 >	LMX-SAB	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						LMX-SAB
5219	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DR3,DR5,DR6,DQ1 >	LMX-SAB	
6649	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
8045	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+				LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DQA1*05,DQA1*06	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					DQ2	LMX-SAB	
8103	52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			+	DR3,DQ3	LMX-SAB	
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB

Table 59. Individual laboratory results for Serum #1310 by Luminex SAB - class II

		**** Serum 1310 ****																																		
Ctr	% POS	DP18	DP28	DPw2	DPw3	DPw6	DR10	DR11	DR12	DR13	DR14	DR17	DR18	DR52	DR9	DP14	DP17	DP9	DR7	DQ6	DPw4	DQ8	DQ9	DQ7	DP20	DP10	DQA1*01	DP402	DQA1*05	DR1403	DR1404	Other	Method			
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			DPw1, DQB1*06:01, DQB1*06:03, DRB1*09:01	LMX-SAB			
774	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX-SAB	
910		+	+	+	+	+										+	+	+			+	+	+	+	+	+	+						DQA1*01:03, DPB1*04:02	LMX-SAB		
1647							+	+	+	+	+	+	+	+	+						+		+	+	+								DR1,DR103,DR4,DR8 >	LMX-SAB		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							DPw1	LMX-SAB		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+				DRB1*06:01, DRB1*06:03	LMX-SAB		
3766	92	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				DPw1,DPA1*01,DPA1*04,DQA1*06	LMX-SAB		
3808	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										+	+			LMX-SAB	
3966	53	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+		+	+	+	+	+	+						DPw5,DPA1*01,DPA1*02,DPA1*04 >	LMX-SAB		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						DR103,DR4,DPw1,DPw5 >	LMX-SAB		
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																LMX-SAB	
5219	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							+	+				DR3,DR5,DR6,DQ1	LMX-SAB		
6649	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX-SAB	
8045	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							DR8	LMX-SAB		
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							DPA1*01,DPA1*04,DQA1*03,DQA1*06	LMX-SAB		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX-SAB	
8103	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+				DR3	LMX-SAB		
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX-SAB

Table 60. Individual laboratory results for Serum #1311 by Luminex SAB - class II

**** Serum 1311 ****			
Ctr	% POS	Other	Method
615		no specificities defined	LMX-SAB
774	0		LMX-SAB
910	0		LMX-SAB
1647		DP10,DR10,DR11,DR13,DR14 >	LMX-SAB
2400	0		LMX-SAB
3753	0		LMX-SAB
3766	0		LMX-SAB
3808	0		LMX-SAB
3966			LMX-SAB
4322			LMX-SAB
5214			LMX-SAB
5219	0		LMX-SAB
6649	0		LMX-SAB
8045	0		LMX-SAB
8082	0		LMX-SAB
8098			LMX-SAB
8100	0		LMX-SAB
8103	0		LMX-SAB
8121	0		LMX-SAB

Table 61. Individual laboratory results for Serum #1311 by Luminex SAB - class II

		**** Serum 1312 ****																										
Ctr	% POS	DQ2	DR15	DR16	DR7	DR9	DR12	DP11	DP15	DP14	DP17	DP9	DPA1*02	DR51	DPw5	DQA1*02	DP13	DPA1*04	DP10	DQ5	DR103	DP19	DP28	DPw1	DQ4	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+							LMX-SAB
774	66	+	+	+	+	+	+	+	+																			LMX-SAB
910		+	+	+	+	+	+	+					+	+		+					+					DRB5*01:01, DQA1*02:01, DQB1*05:01, DPA1*02:01, DPA1*02:02	LMX-SAB	
1647		+	+	+	+	+	+	+					+			+												LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+			+		+		+	+				+		DPw3,DPw6,DP18	LMX-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												LMX-SAB
3766	69	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	DPw3,DPw6,DP18,DQA1*05	LMX-SAB	
3808	33	+	+	+	+	+	+	+	+	+	+	+	+				+	+					+	+			LMX-SAB	
3966	43	+	+	+	+	+	+						+	+	+	+		+			+					DQA1*05	LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	DPw6,DQA1*01,DQA1*04,DQA1*05	LMX-SAB
5214		+	+	+	+	+	+	+	+	+	+	+	+		+					+		+				DQA1*02:01, DQA1*01/DQB1*05:01, DPA1*04:01, DRB5*01:01	LMX-SAB	
5219	31	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+				+	+			DR2,DR5	LMX-SAB	
6649	40	+	+	+	+	+	+	+	+					+		+												LMX-SAB
8045	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+					+	+	+	+	DQ8,DPw4,DQ6	LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					DQA1*05	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+				LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+		+	+		+		+	+					+	+	DQ7,DQ8,DQ9,DPw3 >	LMX-SAB
8103	30	+	+	+	+	+	+	+	+	+	+	+	+										+	+				LMX-SAB
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+				+	+	+	+	DQ8,DPw4,DQ6	LMX-SAB	