

SERUM EXCHANGE #577 DECEMBER 1, 2020

Sera	1301-1304
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The results for Serum Exchange #577 are summarized in Tables 21 - 28 and individual listing of results are shown in tables 29 - 40. Strong reactivity

to A1, B73, Cw7, B12 (B44, B45), and B8, as well as reactivity to a number of DR, DQ, and DP specificities, was examined in this study.

1301	method	#labs	A1	B18	A33	A25	A26	A34	A66	A6601	A43	A80	A23	A24	A11	A1101	A1102	A36	B73	B64	B65	B76	B78	B7801	B51	B37
class II	NIH-Std	1	NEG																							
	AHG	2	50%	50%	50%								50%													
	Flow	1	no specificities assigned																							
	C1q	2	NT																							
	PRA	3	67%	33%	33%	67%	67%	67%	67%		33%	67%	67%	67%	67%			67%	33%	33%	33%	33%	33%		33%	33%
	SAB	24	100%	100%	88%	100%	100%	100%	83%	38%	100%	100%	83%	96%	96%	21%	21%	100%	100%	92%	88%	88%	67%	12%	67%	58%

1301	method	#labs	Cw6	Cw7	Cw18	Cw4	B8	A68	B14	B39	B54	A1C	A6602	A69	B15	A29	A10C	A10	A19	A2C	A9	B5C	B67	B8C	Bw4	Bw6	Cw1
class II	NIH-Std	1																									
	AHG	2																									
	Flow	1																									
	C1q	2																									
	PRA	3	33%	33%	33%	33%																					
	SAB	24	75%	71%	58%	50%	38%	25%	12%	12%	12%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%

1301	method	#labs	DQ2	DQ4	DQ7	DQ8	DQ9	DR7	DPw1	DPw3	DPw5	DPw6	DP11	DP13	DP19	DP18	DQ6	DQ5	DP14	DP15	
class II	Flow	1	no specificities assigned																		
	C1q	1	no consensus																		
	PRA	3	67%	67%	67%	67%	67%	67%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%		
	SAB	22	100%	100%	100%	100%	100%	95%	100%	100%	100%	100%	91%	91%	91%	86%	59%	55%	91%	91%	

1301	method	#labs	DP17	DP9	DP10	DP20	DP28	DPA1*02	DPA1*04	DQA1*04	DQA1*05	DQA1*06	DQA1*03	DQA1*02	DPA1*01	DPA1*03	DPw4	DQ3	DR9	DQA1*01
	SAB	22	91%	91%	64%	64%	64%	59%	59%	36%	36%	36%	32%	27%	13%	13%	9%	9%	9%	5%

Serum 1301. Anti-A1 (9896), -B18 (4351), -A33 (1873), and -A23 (2438) reactivity was detected in this cell by antiglobulin, PRA and SAB labs. Additional reactivity to B64 (2892), B65 (2233), B73 (4284), B76 (2566), as well as reactivity to a number of 1C and 10C specificities was reported by PRA and SAB by > 80% agreement. Allele specific reactivity to A*24:02 and B*51:01 was also reported by some labs.

Strong DQ and DP reactivity was detected in this sample by PRA and SAB, including reactivity to DQ2 (13534), DQ7 (11931), DP1 (12711), DP3 (12522), DP5 (11588), DP6 (11118), DP9 (13216), DP11 (11275), DP13 (10962), DP14 (12434), and DP17 (11916). Each were reported by > 90% of SAB labs. Allele specific reactivity to DQB1*05:01 and DQB1*06:01 was also reported by several labs.

*(median MFI)

1302	method	#labs	B73	Cw7	Cw12	Cw17	Cw6	B37	B7	B35	B62	B72	B76	B18	B61	B55	B56	B67	B64	B65	B8	B75	B71	B42
class I	NIH-Std	1	NEG																					
	AHG	2						50%																
	Flow	1	No specificities assigned																					
	C1q	2	100%	100%	50%	100%	50%																	
	PRA	3	33%	67%					33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%
	SAB	24	100%	100%	92%	92%	58%		88%	83%	83%	79%	79%	75%	75%	71%	71%	71%	79%	71%	71%	71%	67%	67%

1302	method	#labs	B54	A80	A3	A36	B39	B3901	A1	A11	A1101	A1102	B46	B82	A25	A26	A34	A33	A43	B41	B60	B27	B2708	A66	A6601
	PRA	3	33%	67%	33%	67%	33%		33%	67%			33%		67%	67%	67%	33%	33%	33%	33%	33%	33%	33%	
	SAB	24	67%	71%	67%	62%	62%	17%	62%	62%	12%	8%	62%	83%	58%	54%	54%		54%	54%	54%	38%	50%	38%	29%

1302	method	#labs	Cw8	Cw18	Cw16	B81	B50	B48	Bw6	Cw10	Cw4	B45	B14	B15	B40	B8101	B8201	A1C	B12C	B5C	B70	B703	B78	B7C	B8C
	SAB	24	62%	58%	50%	46%	38%	25%	21%	21%	21%	17%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%

1302	method	#labs	NEG
class II	Flow	1	no consensus
	C1q	1	NT
	PRA	3	100%
	SAB	15	93%

Serum 1302. Strong anti-B73 (18962) and –Cw7 (21015) reactivity was detected in this sample by C1q, PRA, and SAB. Each were reported by 100% of SAB labs. Additional reactivity to 5C, 7C, 8C, and C-locus specificities was

also reported by various methods. Flow, PRA, and SAB labs reported this sample as negative for class II.

1303	method	#labs	B44	B45	B13	B41	B47	B49	B50	B60	B61	B40	B62	B76	B46	B72	B71	B82	B8201	B35	B73	B75	
class I	NIH-Std	1	no consensus																				
	AHG	2	100%	100%	50%	50%	50%	100%	50%	100%	50%	50%	50%										
	Flow	1	no specificities assigned																				
	C1q	2	100%	100%	100%	100%	100%	100%	100%	100%	100%		50%										
	PRA	3	67%	67%	67%	67%	67%	67%	67%	67%	67%		67%	33%	67%	67%	33%	67%		33%	67%	67%	
	SAB	24	100%	100%	100%	100%	100%	100%	100%	100%	100%	8%	100%	100%	100%	100%	100%	100%	4%	96%	92%	88%	
1303	method	#labs	B39	B3901	Cw1	Cw9	Cw10	Cw16	Cw8	Cw12	Cw14	Cw7	A1	B78	B7801	B64	B48	B18	A23	A34	A24	B81	
	PRA	3	33%		33%	33%	33%	33%	33%	33%	33%	33%	33%	33%		33%	33%	33%	33%	33%		33%	
	SAB	24	88%	33%	88%	88%	88%	88%	79%	79%	75%	58%	75%	71%	17%	71%	62%	62%	62%	50%	42%		
1303	method	#labs	B65	B12C	A66	A6601	B27	B2705	B15	B5C	Bw6	Cw3	A1C	A9	B12	B14	B21	B37	B70	B7C	B8	B8C	Bw4
	SAB	24	25%	12%	12%	8%	12%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
1303	method	#labs	DR7	DR9	DR10	DQ5																	
class II	Flow	1	no specificities assigned																				
	C1q	1	NT																				
	PRA	3	67%	67%																			
	SAB	22	100%	100%	9%	9%																	

Serum 1303. Strong anti-B44 (20919) and –B45 (20418) reactivity was detected in this sample by all methods, except Flow. Additional reactivity to B13 (20152), B41 (21852), a well as reactivity to a number of 5C and 7C specificities was reported by various methods. Reactivity to a number of C-locus specificities, including Cw1 (5291), Cw9 (4258), Cw10 (4508), and Cw16

(4851), was also reported by PRA and SAB. In addition, allele specific reactivity to A*34:01 and A*24:02 was also reported by several labs.

Weak class II reactivity was detected in this sample, with PRA and SAB reporting anti-DR7 (2335) and –DR9 (2770) reactivity. Each were reported by 100% of SAB labs.

1304	method	#labs	B8	B64	B65	B42	B18	B59	B54	B55	A3	A29	A33	A34	A68	A69	A36	B37	B38	B41	B67	Cw1	Cw12	Cw14	A30	A32	A74	A31
class I	NIH-Std	1	no consensus																									
	AHG	2	100%	50%	50%	50%																						
	Flow	1	no specificities assigned																									
	C1q	2	100%	100%	50%	100%	50%	100%	100%																			
	PRA	3	67%	33%	33%	67%	67%	33%	33%	33%	67%	67%	67%	67%	67%	33%	33%	67%	33%	33%	67%	33%	33%	33%	67%	67%	33%	33%
	SAB	24	96%	96%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	96%	96%	96%	96%	92%
1304	method	#labs	B39	B3901	A23	B61	A66	A6602	B46	B7	B51	B48	A2	Cw8	Cw16	Cw4	Cw403	Cw15	Cw18	Cw7	Cw5	Cw6	Cw2	B2708	B27	B47	B81	B8101
	PRA	3	33%		33%	33%	33%		33%	33%	33%	33%	33%															
	SAB	24	83%	38%	62%	62%	58%	50%	54%	50%	42%	33%	33%	100%	96%	96%	17%	96%	92%	92%	92%	92%	62%	25%	21%	25%	25%	4%
1304	method	#labs	A1101	A11	B72	B8C	A24	A2403	B14	A10C	B73	B78	A10	A19	A1C	A203	A28	A2C	B12C	B16	B22	B5C	B75	B7C	Bw4	Bw6		
	SAB	24	17%	12%	17%	17%	12%	12%	12%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	

1304	method	#labs	DR52	DR17	DR18	DR13	DR14	DR8	DR11	DR1404	DR3	DQA1*05	DR1403	DP15	DQ2
class II	Flow	1	no specificities assigned												
	C1q	1	NT												
	PRA	4	33%	67%	67%	67%	67%	67%							
	SAB	20	100%	95%	95%	75%	75%	75%	2%	20%	15%	10%	10%	5%	5%

Serum 1304. Strong anti-B8 (23327) reactivity was reported in this sample by all methods, except Flow. In addition, reactivity to B64 (16970), B65 (14046), B42 (16610), B18 (13792), B38 (7934), B39 (13440), as well as reactivity to a number of 1C, 7C, 10C, and C-locus specificities was reported by various methods.

Weak DR reactivity was detected in this sample by PRA and SAB, including anti-DR52 (1636), -DR17(2705), and -DR18 (1849) reactivity which was detected by > 90% of SAB labs. In addition, several labs detected allele specific reactivity to DRB3*01:01 and DRB3*03:01.



NEXT MAILING DATE: February 3, 2021

Happy Holidays!

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Table 21. Summary of the 577th Serum Exchange (Serum #1301-1304) by NIH-Standard - class I

Method: NIH-Standard											
*** Serum 1301***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NEG			NEG			no consensus			no consensus		

Method = NIH-Std

Table 22. Summary of the 577th Serum Exchange (Serum #1301-1304) by Antiglobulin and Flow Cytometry - class I

Method: Antiglobulin											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
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%	B37	50%	100%	B44	100%	100%	B8	100%	100%
A33	50%	75%	B41	50%	100%	B45	100%	100%	B64	50%	100%
A23	50%	67%	B42	50%	100%	B49	100%	100%	B65	50%	80%
B18	50%	56%	B7	50%	100%	B60	100%	100%	B42	50%	50%
			B8	50%	100%	B13	50%	100%			
			Cw7	50%	100%	B40	50%	100%			
			B39	50%	75%	B41	50%	100%			
			B18	50%	50%	B47	50%	100%			
			B62	50%	40%	B50	50%	100%			
						B61	50%	100%			
						B62	50%	75%			

Method: Flow Cytometry											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
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 23. Summary of the 577th Serum Exchange (Serum #1301-1304) by C1q- class I

Method: C1q											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
2 typing Lab			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NT			B73	100%	100%	B13	100%	100%	B42	100%	100%
			Cw17	100%	100%	B41	100%	100%	B54	100%	100%
			Cw7	100%	100%	B44	100%	100%	B59	100%	100%
			Cw12	50%	100%	B45	100%	100%	B64	100%	100%
			Cw6	50%	100%	B47	100%	100%	B8	100%	100%
						B49	100%	100%	B18	50%	100%
						B50	100%	100%	B65	50%	100%
						B60	100%	100%			
						B61	100%	100%			
						B76	50%	100%			

Table 24. Summary of the 577th Serum Exchange (Serum #1301-1304) by PRA- class I

Method: Luminex - PRA											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	67%	100%	A11	67%	100%	B13	67%	100%	A29	67%	100%
A11	67%	100%	A25	67%	100%	B41	67%	100%	A3	67%	100%
A23	67%	100%	A26	67%	100%	B44	67%	100%	A30	67%	100%
A24	67%	100%	A34	67%	100%	B45	67%	100%	A32	67%	100%
A25	67%	100%	A36	67%	100%	B46	67%	100%	A33	67%	100%
A26	67%	100%	A80	67%	100%	B47	67%	100%	A34	67%	100%
A34	67%	100%	Cw7	67%	100%	B49	67%	100%	A68	67%	100%
A36	67%	100%	A1	33%	100%	B50	67%	100%	B18	67%	100%
A66	67%	100%	A3	33%	100%	B60	67%	100%	B37	67%	100%
A80	67%	100%	A33	33%	100%	B61	67%	100%	B42	67%	100%
A33	33%	100%	A43	33%	100%	B62	67%	100%	B67	67%	100%
A43	33%	100%	A66	33%	100%	B72	67%	100%	B8	67%	100%
B18	33%	100%	B18	33%	100%	B73	67%	100%	A2	33%	100%
B37	33%	100%	B27	33%	100%	B75	67%	100%	A23	33%	100%
B51	33%	100%	B35	33%	100%	B82	67%	100%	A31	33%	100%
B64	33%	100%	B39	33%	100%	A1	33%	100%	A36	33%	100%
B65	33%	100%	B41	33%	100%	A23	33%	100%	A66	33%	100%
B73	33%	100%	B42	33%	100%	A34	33%	100%	A69	33%	100%
B76	33%	100%	B46	33%	100%	B18	33%	100%	A74	33%	100%
B78	33%	100%	B54	33%	100%	B35	33%	100%	B38	33%	100%
Cw18	33%	100%	B55	33%	100%	B39	33%	100%	B39	33%	100%
Cw4	33%	100%	B56	33%	100%	B48	33%	100%	B41	33%	100%
Cw6	33%	100%	B60	33%	100%	B64	33%	100%	B46	33%	100%
Cw7	33%	100%	B61	33%	100%	B71	33%	100%	B48	33%	100%
			B62	33%	100%	B76	33%	100%	B51	33%	100%
			B64	33%	100%	B78	33%	100%	B54	33%	100%
			B65	33%	100%	B81	33%	100%	B55	33%	100%
			B67	33%	100%	Cw1	33%	100%	B59	33%	100%
			B7	33%	100%	Cw10	33%	100%	B61	33%	100%
			B71	33%	100%	Cw12	33%	100%	B64	33%	100%
			B72	33%	100%	Cw14	33%	100%	B65	33%	100%
			B73	33%	100%	Cw16	33%	100%	B7	33%	100%
			B75	33%	100%	Cw7	33%	100%	Cw1	33%	100%
			B76	33%	100%	Cw8	33%	100%	Cw12	33%	100%
			B8	33%	100%	Cw9	33%	100%	Cw14	33%	100%

Table 25. Summary of the 577th Serum Exchange (Serum #1301-1304) by Single Antigen - class I

Method: Luminex - SAB											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
24 typing Labs			24 typing Labs			24 typing Labs			24 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	100%	100%	B73	100%	100%	B13	100%	100%	A29	100%	100%
A25	100%	100%	Cw7	100%	95%	B41	100%	100%	A33	100%	100%
A43	100%	100%	Cw12	92%	67%	B44	100%	100%	A34	100%	100%
A80	100%	100%	Cw17	92%	60%	B45	100%	100%	A68	100%	100%
B18	100%	100%	B7	88%	100%	B46	100%	100%	A69	100%	100%
A34	100%	83%	B35	83%	100%	B47	100%	100%	B18	100%	100%
A26	100%	80%	B62	83%	100%	B49	100%	100%	B37	100%	100%
A36	100%	75%	B82	83%	50%	B50	100%	100%	B38	100%	100%
B73	100%	50%	B64	79%	50%	B60	100%	100%	B41	100%	100%
A11	96%	77%	B72	79%	50%	B61	100%	100%	B42	100%	100%
A24	96%	50%	B76	79%	50%	B62	100%	100%	B54	100%	100%
B64	92%	75%	B18	75%	80%	B71	100%	100%	B55	100%	100%
A33	88%	100%	B61	75%	50%	B72	100%	100%	B59	100%	100%
B65	88%	100%	B55	71%	100%	B76	100%	100%	B67	100%	100%
B76	88%	100%	B56	71%	100%	B82	100%	100%	Cw1	100%	89%
A23	83%	100%	B67	71%	100%	B35	96%	60%	A3	100%	86%
A66	83%	50%	B8	71%	100%	B73	92%	100%	Cw8	100%	86%
Cw6	75%	100%	B75	71%	80%	B75	88%	100%	A36	100%	75%
Cw7	71%	100%	B65	71%	75%	Cw9	88%	100%	A30	96%	100%
B78	67%	100%	A80	71%	67%	Cw10	88%	92%	A32	96%	100%
B51	67%	60%	B71	67%	100%	B39	88%	67%	A74	96%	100%
Cw18	58%	100%	A3	67%	86%	Cw16	88%	57%	B64	96%	100%
B37	58%	33%	B42	67%	75%	Cw1	88%	44%	B65	96%	100%
Cw4	50%	100%	B54	67%	67%	Cw8	79%	71%	B8	96%	100%
A6601	38%	100%	A36	62%	100%	Cw12	79%	67%	Cw12	96%	100%
B8	38%	100%	B39	62%	100%	Cw14	75%	100%	Cw16	96%	100%
A68	25%	100%	Cw8	62%	57%	A1	75%	90%	Cw4	96%	88%
A1101	21%	100%	A1	62%	56%	B78	71%	67%	Cw14	96%	80%
A1102	21%	100%	A11	62%	50%	B64	71%	50%	Cw15	96%	80%
B14	12%	100%	B46	62%	33%	A23	62%	100%	A31	92%	100%
B39	12%	100%	A25	58%	100%	B48	62%	67%	Cw18	92%	100%
B54	12%	100%	Cw18	58%	100%	B18	62%	60%	Cw7	92%	82%
B7801	12%	100%	Cw6	58%	100%	Cw7	58%	100%	Cw5	92%	67%
A10C	8%	100%	A26	54%	100%	A34	50%	50%	Cw6	92%	57%
A1C	8%	100%	A34	54%	100%	A24	42%	50%	B39	83%	100%

Table 25. Summary of the 577th Serum Exchange (Serum #1301-1304) by Single Antigen - class I

Method: Luminex - SAB, cont.											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
24 typing Labs			24 typing Labs			24 typing Labs			24 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A6602	8%	100%	A43	54%	100%	B3901	33%	100%	A23	62%	100%
A69	8%	100%	B41	54%	50%	B65	25%	100%	B61	62%	100%
B15	8%	100%	B60	54%	25%	B7801	17%	100%	Cw2	62%	100%
A29	8%	50%	B2708	50%	100%	B12C	12%	100%	A66	58%	50%
A10	4%	100%	Cw16	50%	100%	A66	12%	50%	B46	54%	33%
A19	4%	100%	B81	46%	100%	B27	12%	50%	A6602	50%	100%
A2C	4%	100%	A66	38%	100%	A6601	8%	100%	B7	50%	100%
A9	4%	100%	B50	38%	100%	B15	8%	100%	B51	42%	50%
B5C	4%	100%	B27	38%	50%	B2705	8%	100%	B3901	38%	100%
B67	4%	100%	A6601	29%	100%	B40	8%	100%	B48	33%	100%
B8C	4%	100%	B48	25%	100%	B5C	8%	100%	A2	33%	33%
Bw4	4%	100%	Bw6	21%	100%	Bw6	8%	100%	B2708	25%	100%
Bw6	4%	100%	Cw10	21%	100%	Cw3	8%	100%	B47	25%	100%
Cw1	4%	100%	Cw4	21%	100%	A1C	4%	100%	B81	25%	100%
			B3901	17%	100%	A9	4%	100%	B27	21%	50%
			B45	17%	100%	B12	4%	100%	A1101	17%	100%
			A1101	12%	100%	B14	4%	100%	B72	17%	100%
			A1102	8%	100%	B21	4%	100%	B8C	17%	100%
			B14	8%	100%	B37	4%	100%	Cw403	17%	100%
			B15	8%	100%	B70	4%	100%	A24	12%	100%
			B40	8%	100%	B7C	4%	100%	A2403	12%	100%
			B8101	8%	100%	B8	4%	100%	B14	12%	100%
			B8201	8%	100%	B8201	4%	100%	A11	12%	50%
			A1C	4%	100%	B8C	4%	100%	A10C	8%	100%
			B12C	4%	100%	Bw4	4%	100%	B73	8%	100%
			B5C	4%	100%				B78	8%	100%
			B70	4%	100%				A10	4%	100%
			B703	4%	100%				A19	4%	100%
			B78	4%	100%				A1C	4%	100%
			B7C	4%	100%				A203	4%	100%
			B8C	4%	100%				A28	4%	100%
									A2C	4%	100%
									B12C	4%	100%
									B16	4%	100%
									B22	4%	100%

Table 26. Summary of the 577th Serum Exchange (Serum #1301-1304) by Flow Cytometry and C1q - class II

Method: Flow Cytometry															
*** Serum 1301 ***				*** Serum 1302 ***				*** Serum 1303 ***				*** Serum 1304 ***			
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			
Method: C1q															
*** Serum 1301 ***				*** Serum 1302 ***				*** Serum 1303 ***				*** Serum 1304 ***			
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				NT				NT				NT			

Table 27. Summary of the 577th Serum Exchange (Serum #1301-1304) by PRA - class II

Method: Luminex-PRA											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ2	67%	100%	NEG	100%	-	DR7	67%	100%	DR13	67%	100%
DQ4	67%	100%				DR9	67%	100%	DR14	67%	100%
DQ7	67%	100%							DR17	67%	100%
DQ8	67%	100%							DR18	67%	100%
DQ9	67%	100%							DR8	67%	100%
DR7	67%	100%							DR52	33%	100%
DP11	33%	100%									
DP13	33%	100%									
DP18	33%	100%									
DP19	33%	100%									
DPw1	33%	100%									
DPw3	33%	100%									
DPw5	33%	100%									
DPw6	33%	100%									
DQ5	33%	100%									
DQ6	33%	100%									

Table 28. Summary of the 577th Serum Exchange (Serum #1301-1304) by Single Antigen - class II

Method: Luminex - SAB											
*** Serum 1301 ***			*** Serum 1302 ***			*** Serum 1303 ***			*** Serum 1304 ***		
22 typing Labs			15 typing Labs			22 typing Labs			20 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DPw1	100%	100%	NEG	93%	-	DR7	100%	86%	DR52	100%	46%
DPw3	100%	100%				DR9	100%	29%	DR17	95%	100%
DPw5	100%	100%				DR10	9%	100%	DR18	95%	100%
DPw6	100%	100%				DQ5	9%	50%	DR13	75%	100%
DQ2	100%	100%							DR14	75%	100%
DQ4	100%	100%							DR8	75%	100%
DQ8	100%	100%							DR11	2%	100%
DQ9	100%	100%							DR1404	20%	100%
DQ7	100%	94%							DR3	15%	100%
DR7	95%	100%							DQA1*05	10%	100%
DP11	91%	100%							DR1403	10%	100%
DP13	91%	100%							DP15	5%	100%
DP14	91%	100%							DQ2	5%	100%
DP15	91%	100%									
DP17	91%	100%									
DP19	91%	100%									
DP9	91%	100%									
DP18	86%	83%									
DP10	64%	100%									
DP20	64%	100%									
DP28	64%	33%									
DPA1*02	59%	100%									
DPA1*04	59%	100%									
DQ6	59%	54%									
DQ5	55%	100%									
DQA1*04	36%	100%									
DQA1*05	36%	100%									
DQA1*06	36%	100%									
DQA1*03	32%	100%									
DQA1*02	27%	100%									
DPA1*01	13%	100%									
DPA1*03	13%	100%									
DPw4	9%	100%									
DQ3	9%	100%									

Table 29. Individual laboratory results for Serum #1301 - #1304 by NIH-Standard - class I

**** Serum 1301 ****				**** Serum 1302 ****				**** Serum 1303 ****			**** Serum 1304 ****			
Ctr	% POS		Other	% POS		Other	% POS	B12	Other	% POS	B8	Other	Method	
786								+			+		STD	

STD = NIH-standard

Table 30. Individual laboratory results for Serum #1301 - #1304 by Antiglobulin and Flow Cytometry - class I

**** Serum 1301 ****							**** Serum 1302 ****						**** Serum 1303 ****							**** Serum 1304 ****									
Ctr	% POS	A1	A33	A23	B18	Other	% POS	B37	B41	B42	B7	B8	Other	% POS	B44	B45	B49	B60	B13	B40	B41	Other	% POS	B8	B64	B65	B42	Other	Method
774	35	+	+	+	+		46	+	+	+	+	+	B62,B39,B18	53	+	+	+	+	+		+	B61,B62,B50,B47	23	+	+	+	+		Antiglobulin
786													Cw7		+	+	+	+		+				+					Antiglobulin

**** Serum 1301 ****							**** Serum 1302 ****						**** Serum 1303 ****							**** Serum 1304 ****									
Ctr	% POS					Other	% POS						Other	% POS								Other	% POS					Other	Method
5214	90						96							95									96						FC

FC = Flow Cytometry

Table 31. Individual laboratory results for Serum #1301 - #1304 by C1q- class I

		**** Serum 1301 ****					**** Serum 1302 ****					**** Serum 1303 ****										**** Serum 1304 ****											
Ctr	% POS				Other	% POS	B73	Cw17	Cw7	Cw12	Cw6	Other	% POS	B13	B41	B44	B45	B47	B49	B50	B60	B61	Other	% POS	B42	B54	B59	B64	B8	B18	B65	Other	Method
786							+	+	+					+	+	+	+	+	+	+	+	+			+	+	+	+	+			C1q	
2400							+	+	+	+	+			+	+	+	+	+	+	+	+	+	B76		+	+	+	+	+	+			C1q

Table 32. Individual laboratory results for Serum #1301 - #1304 by Luminex PRA - class I

**** Serum 1301 ****																	**** Serum 1302 ****																			
Ctr	% POS	A1	A11	A23	A24	A25	A26	A34	A36	A66	A80	A33	A43	B18	B37	B51	B64	B65	Other	% POS	A11	A25	A26	A34	A36	A80	Cw7								Other	Method
2400	77																			79																PRA
3753	72	+	+	+	+	+	+	+	+	+	+									90	+	+	+	+	+	+	+								A33	PRA
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B73,B76,B78,Cw18>		+	+	+	+	+	+	+								Cw4,Cw6,B60,B61 >	PRA

**** Serum 1303 ****																	**** Serum 1304 ****																		
Ctr	% POS	B13	B41	B44	B45	B46	B47	B49	B50	B60	B61	B62	B72	B73	B75	B82		Other	% POS	A29	A3	A30	A32	A33	A34	A68	B18	B37	B42	B67	B8	Other	Method		
2400	70																		89																PRA
3753	60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B81	84	+	+	+	+	+	+	+	+	+	+	+	+				PRA
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B48,B78,A1,A34 >		+	+	+	+	+	+	+	+	+	+	+	+			Cw4,Cw6,A2,B61 >	PRA

Table 23. Individual laboratory results for Serum #1301 by Luminex SAB - class I

**** Serum 1301 ****																																		
Ctr	% POS	A1	A25	A43	A80	B18	A34	A26	A36	B73	A11	A24	B64	A33	B65	B76	A23	A66	Cw6	Cw7	B78	B51	Cw18	B37	Cw4	A6601	B8	A68	A1101	A1102	Other	Method		
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							B54,A69,B39, B*51:01, A*24:02	LMX-SAB		
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+											LMX-SAB	
771	17	+	+	+	+	+	+	+	+	+	+	+						+	+												B14	LMX-SAB		
774	45	+	+	+	+	+	+	+	+	+	+		+			+		+				+		+								LMX-SAB		
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			B54,A69,B39	LMX-SAB		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+						A*24:02,B*51:01	LMX-SAB		
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										+						LMX-SAB	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+							LMX-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX-SAB	
3766	87	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B7801,A6602, A*24:02,A*68:01, B*51:01	LMX-SAB		
3808	15	+	+	+	+	+	+	+	+	+		+	+														+		+	+			LMX-SAB	
3966	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+					LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			B54,B67,A29,B39	LMX-SAB		
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						B*51:01	LMX-SAB		
5219	13	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+			+	+	A9,B15,A10,A19 >	LMX-SAB		
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	B7801,A6602, B*51:01,A*24:02	LMX-SAB		
6649	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX-SAB	
8045	14	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+													LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				Cw1	LMX-SAB		
8086	200	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			A29	LMX-SAB		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										Bw4,Bw6,B5C,B8C >	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX-SAB	
8103	15	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									B15,B14,B7801	LMX-SAB	
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														LMX-SAB

Table 34. Individual laboratory results for Serum #1302 by Luminex SAB - class I

		**** Serum 1302 ****																																						
Ctr	% POS	B73	Cw7	Cw12	Cw17	B7	B35	B62	B82	B64	B72	B76	B18	B61	B55	B56	B67	B8	B75	B65	A80	B71	A3	B42	B54	A36	B39	Cw8	A1	A11	B46	A25	Cw18	Cw6	Other	Method				
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,B60,B48,A66, B*27:08,A*66:01, C*03:02 >	LMX-SAB					
725		+	+	+	+	+	+	+	+	+	+	+	+	+								+															LMX-SAB			
771	17	+	+	+	+	+	+		+				+																						B40,B15,B14	LMX-SAB				
774	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B60,B27,A43,B41	LMX-SAB				
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,B60,B48,A66 >	LMX-SAB				
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B60,B48,B50,A26 >	LMX-SAB			
1647		+	+																																		LMX-SAB			
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		+	+	+		+	+	+	+		B60,B27,Cw16	LMX-SAB			
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B60,A66,A26,A34 >	LMX-SAB		
3766	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw4,B60,B48,A66, C*03:02 >	LMX-SAB			
3808	8	+	+	+	+			+			+																										LMX-SAB			
3966	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+		B60,B48,A66,B50 >	LMX-SAB		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw4,B60,B48,B78 >	LMX-SAB	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B60,B50,A26,A34 >	LMX-SAB	
5219	8	+	+	+	+	+	+	+	+	+		+		+									+															B40,B15,B70,B14	LMX-SAB	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B60,A66,B27,A26, B*40:02,B*15:02, B*27:08,B*66:01 >	LMX-SAB	
6649	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B60,A66,B50,A26 >	LMX-SAB	
8045	36	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+		+	+		+							A66,A26,A34,A43 >	LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw4,B60,B50,A26 >	LMX-SAB	
8086	200	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw16	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+												B703,Bw6,B12C,B5C >	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+		A66,B27,A26,A34 >	LMX-SAB	
8103	5	+	+	+	+	+																																B27,B2708,A1101	LMX-SAB	
8121		+	+																																				LMX-SAB	

Table 35. Individual laboratory results for Serum #1303 by Luminex SAB - class I

**** Serum 1303 ****																																					
Ctr	% POS	B13	B41	B44	B45	B46	B47	B49	B50	B60	B61	B62	B71	B72	B76	B82	B35	B73	B75	Cw9	Cw10	B39	Cw16	Cw1	Cw8	Cw12	Cw14	A1	B78	B64	A23	B48	B18	Cw7	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A66,B27,A34, A*34:01,A*24:02, A*66:01,B*27:05 >	LMX-SAB	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
771	20	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B3901	LMX-SAB		
774	71	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A66,B27,A34 >	LMX-SAB	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A34, A*24:02,A*34:01	LMX-SAB	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A34	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A34	LMX-SAB
3766	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A34,B7801,B8201, A*24:02,A*34:01 >	LMX-SAB	
3808	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
3966	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A34,B65	LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A34,B65,B37 >	LMX-SAB
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A34,B8,A*34:01	LMX-SAB
5219	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A9,B40,B15 >	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B7801,B3901	LMX-SAB
6649	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A34	LMX-SAB
8045	20	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B3901	LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A34,B65	LMX-SAB
8086	200	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A66,B27,A34 >	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw4,Bw6,B12C,B5C >	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B12C	LMX-SAB
8103	14	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,B40,B15,Cw3 >	LMX-SAB
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B3901	LMX-SAB

Table 37. Individual laboratory results for Serum #1301 - #1304 by Flow Cytometry and C1q - class II

	**** Serum 1301 ****				**** Serum 1302 ****				**** Serum 1303 ****				**** Serum 1304 ****				
Ctr	% POS			Other	% POS			Other	% POS			Other	% POS			Other	Method
5214	93				0				28				69				FC

FC = Flow Cytometry

	**** Serum 1301 ****				**** Serum 1302 ****				**** Serum 1303 ****				**** Serum 1304 ****				
Ctr	% POS	DQ2	DQ7	Other	% POS			Other	% POS			Other	% POS			Other	Method
2400		+	+		NT				NT				NT				C1q

Table 38. Individual laboratory results for Serum #1301 - #1304 Luminex PRA- class II

Ctr	**** Serum 1301 ****								**** Serum 1302 ****				**** Serum 1303 ****				**** Serum 1304 ****							Method	
	% POS	DQ2	DQ4	DQ7	DQ8	DQ9	DR7	Other	% POS			Other	% POS	DR7	DR9	Other	% POS	DR13	DR14	DR17	DR18	DR8	DR52		Other
2400	94								0				11				29								PRA
3753	67	+	+	+	+	+	+		0				20	+	+		53	+	+	+	+	+			PRA
8112		+	+	+	+	+	+	DQ5,DPw1,DPw3,DPw5 >	0					+	+			+	+	+	+	+	+		PRA

Table 39. Individual laboratory results for Serum #1301 by Luminex - class II

		**** Serum 1301 ****																										
Ctr	Ctr	DPw1	DPw3	DPw5	DPw6	DQ2	DQ4	DQ8	DQ9	DQ7	DR7	DP11	DP13	DP14	DP15	DP17	DP19	DP9	DP18	DP10	DP20	DP28	DPA1*02	DPA1*04	DQ6	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5,DQB1*05:01,DQB1*06:01	LMX-SAB
771	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*03,DQA1*04,DQA1*05,DQA1*06	LMX-SAB	
774	94	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5,DQB1*05:01,DQB1*06:01	LMX-SAB	
1647		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5	LMX-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
3766	87	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5,DQB1*05:01,DQB1*06:01	LMX-SAB	
3808	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*02,DQA1*03,DQA1*04,DQA1*05 >	LMX-SAB	
3966	52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5	LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR9,DQ5,DPA1*01,DPA1*03 >	LMX-SAB	
5214		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5,DQB1*05:01,DQB1*06:01, DPA1*04:01	LMX-SAB	
5219	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ3,DQA1*02,DQA1*03,DQA1*04 >	LMX-SAB	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5,DQB1*05:01,DQB1*06:01	LMX-SAB	
6649	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*03,DQA1*04,DQA1*05,DQA1*06	LMX-SAB	
8045	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw4	LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5,DPA1*01,DPA1*03,DQA1*02 >	LMX-SAB	
8086	200	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR9,DQ5	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*02,DQA1*03,DQA1*04,DQA1*05 >	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ5	LMX-SAB	
8103	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ3,DPA1*01,DQA1*02,DQA1*03 >	LMX-SAB	
8121		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw4	LMX-SAB	

Table 40. Individual laboratory results for Serum #1302-1304 by Luminex - class II

**** Serum 1302 ****				**** Serum 1303 ****					**** Serum 1304 ****																	
Ctr	% POS		Other	% POS	DR7	DR9	DR10	DQ5	Other	% POS	DR52	DR17	DR18	DR13	DR14	DR8	DR11	DR1404	DR3	DQA1*05	DR1403	DP15	DQ2	Other	Method	
615	0				+	+	+				+	+	+	+	+	+	+						+	DQB1*02:01	LMX-SAB	
771	0			2	+	+				13	+	+	+	+	+	+		+				+				LMX-SAB
774	0			14	+	+				29	+	+	+													LMX-SAB
910	0				+	+					+	+	+	+	+	+								DRB3*01:01,DRB3*03:01	LMX-SAB	
1647					+	+																				LMX-SAB
2400					+	+					+	+	+													LMX-SAB
3753	0				+	+					+	+	+	+	+	+								DRB3*01:01,DRB3*03:01	LMX-SAB	
3766	0			25	+	+		+	DQB1*05:01	31	+	+	+	+	+	+								DRB3*01:01,DRB3*03:01, DRB1*13:03, DRB1*14:01	LMX-SAB	
3808	0			2	+	+				4	+								+							LMX-SAB
3966				4	+	+				11	+	+	+	+	+	+										LMX-SAB
4322					+	+					+	+	+	+	+	+	+			+						LMX-SAB
5214					+	+					+	+	+											DRB3*01	LMX-SAB	
5219	0			2	+	+				2	+	+	+		+			+	+							LMX-SAB
5462	0				+	+					+	+	+	+	+	+	+			+		+				LMX-SAB
6649	0			3	+	+				11	+	+	+	+	+	+										LMX-SAB
8045	0			2	+	+				15	+	+	+	+	+	+	+	+				+				LMX-SAB
8082	0				+	+					+	+	+	+	+	+										LMX-SAB
8086	200			200	+	+	+	+		200	+	+	+	+	+	+	+									LMX-SAB
8098					+	+					+	+	+	+	+	+		+								LMX-SAB
8100	0				+	+					+	+	+	+	+	+										LMX-SAB
8103	0			2	+	+				6	+	+	+	+	+	+			+							LMX-SAB
8121					+	+																				LMX-SAB