

Report of the 595th Serum Exchange

MAY 14, 2025

Sera 1382 - 1386

The results for **Serum Exchange 595 (sera 1382 - 1386)**, are summarized in Tables 1 – 5 and individual laboratory results by method are listed in

Tables 6 - 17.

1382	method	#labs	B35	B18	B51	B53	B72	B78	B7801	B37	B52	B62	B71	B75	A1	A36	A11	A1102	A1101	B76	B50	B56	B48	B67	A68	B42	A25	A26	A34	A43	
class I	C1q	1	no consensus																												
	PRA	3	67%	67%	67%	67%	67%	67%		67%	67%	67%	67%	33%	67%	67%	67%			33%	33%	67%	33%	33%	67%	33%	67%	67%	33%	33%	
	SAB	25	96%	96%	92%	92%	92%	92%	16%	88%	88%	88%	88%	88%	96%	88%	80%	24%	20%	80%	80%	80%	80%	80%	76%	76%	72%	68%	72%	68%	
1382	method	#labs	B7	B8	B39	B3901	B41	B54	B61	B60	B40	A2	A66	A6601	A6602	B46	B55	B45	B77	B49	B81	B8101	B82	B8201	Cw 9	Cw 10	A24	A2403	Cw 8	B63	
	PRA	3	33%	33%	33%		33%	33%	33%	33%		33%	67%			33%	33%	33%	33%	33%	33%		33%		33%	33%	33%		33%	67%	
	SAB	25	72%	72%	68%	16%	68%	68%	68%	64%	12%	64%	64%	28%	28%	64%	64%	60%	60%	56%	56%	12%	56%	8%	56%	52%	44%	16%	44%	36%	
1382	method	#labs	B27	B2708	B2705	B73	A3	B64	B65	Bw 6	B58	A69	Cw 12	Cw 1	Cw 17	Cw 14	Cw 16	A203	B4005	A29	B13	B15	B57	B59	Cw 3	Cw 4	Cw 7	A10C	A23	A30	A31
	PRA	3	33%																												
	SAB	25	40%	40%	4%	48%	44%	44%	36%	32%	28%	24%	24%	20%	20%	16%	16%	16%	16%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%

1382	method	#labs	DR11	DR12	DR13	DR14	DR1403	DR1404	DR8	DR17	DR18	DR3	DR52	DR16	DR15	DQ7	DQ2	DR1	DQ4	DR4
class II	PRA	3	67%	67%	67%	67%			67%	67%	67%		33%	67%		33%	33%		33%	
	SAB	24	100%	100%	100%	100%	13%	13%	96%	96%	88%	13%	92%	88%	83%	46%	33%	33%	29%	17%
1382	method	#labs	DQA1*05	DQA1*06	DQA1*04	DR10	DP11	DP14	DPw 3	DQ5	DQ6	DQ3	DQ8	DQ9	DR9	DP10	DP13	DP15	DP17	DP18
	SAB	24	58%	46%	13%	13%	8%	8%	8%	8%	8%	13%	8%	8%	8%	4%	4%	4%	4%	4%

Serum 1382. Strong anti-B35 (9190) reactivity was detected in this sample by C1q, PRA, and SAB. Reactivity to B18 (6373), B51 (7174), B53 (8033), B72 (4856), and B78 (7096) was reported by PRA and > 90% of SAB labs. Additional anti-B37 (4629) reactivity, along with reactivity to a number of 7C, 8C, and 10C specificities was reported by Luminex and PRA.

Class II reactivity was detected in this sample, with PRA and > 90% of SAB labs reporting strong anti-DR11 (9564), -DR12 (8380), -DR13 (11135), -DR14 (9145), -DR8 (10410), and -DR17 (10440) reactivity. Additional reactivity to a number of DR and DQ specificities was also reported.

*(median MFI by SAB)

1383	method	#labs	B7	B48	B60	B61	B81	B8101	B13	B41	B73	B42	B47	B67	B27	B2708	B2705	A32	A66	A6602	A6601	Cw 2	Cw 17	B55
class I	C1q	1	no consensus																					
	PRA	3	67%	67%	67%	67%	67%		67%	67%	67%	67%	67%	67%	67%			33%	33%			33%	33%	
	SAB	25	100%	96%	96%	96%	92%	24%	100%	100%	100%	96%	96%	96%	88%	36%	24%	88%	68%	36%	4%	52%	44%	28%
1383	method	#labs	B37	B40	B703	A2	A29	A1	A23	A24	A25	A74	B18	B35	B38	B39	B3902	B46	B49	B50	B51	B52	B53	B56
	SAB	25	12%	12%	12%	12%	12%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
1383	method	#labs	B57	B58	B59	B62	B63	B64	B65	B71	B72	B75	B76	B77	B78	B8	Bw 4	Bw 6	Cw 10	Cw 15	Cw 9	A11	A1102	A203
	SAB	25	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%

1383	method	#labs	DR11	DR12	DR13	DR14	DR8	DR17	DR18	DR15	DR16	DR52	DR10	DQ4	DQ9	DR1	DR9	DQ2	DQ7	DP23
class II	PRA	3	67%	67%	67%	67%	67%	67%	67%	67%	67%	33%	33%							
	SAB	22	96%	96%	96%	96%	96%	92%	88%	96%	92%	92%	96%	29%	21%	16%	16%	13%	13%	13%
1383	method	#labs	DQA1*03	DQA1*05	DR1403	DR1404	DR51	DPw 4	DQ3	DQ8	DR103	DR3	DP10	DP11	DP13	DP14	DP15	DP17	DP18	DP19
	SAB	22	13%	13%	13%	13%	13%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%

Serum 1383. Strong reactivity to B7 (17700), B48 (15747), B60 (18917), B61 (15583), and B81 (B*81:01) (17109) was detected in this sample by C1q, PRA, and SAB. Additional reactivity to other 7C specificities, as well as reactivity to A32 (2624) and A66 (6015) was also reported by labs.

Strong class II reactivity was also reported in this sample, with PRA and SAB reporting reactivity to a number of DR specificities, including DR11 (16816), DR12 (16670), DR13 (18329), DR14 (16762), DR8 (16246), and DR17 (15426). Weak (< 2000 MFI) DQ reactivity was also reported by SAB.

*(median MFI by SAB)

1384	method	#labs	A1	B51	B53	A23	A24	A2403	A32	A25	A36	B18	B35	B49	B50	B52	B62	B71	B72	B75	B76	B56	B46	B37	Cw 17	Cw 2	B64	B65	
class I	C1q	1	no consensus																										
	PRA	3	67%	33%	67%	33%	67%		33%	67%	33%	67%	67%	67%	67%	67%	67%	33%	67%	67%	33%	67%	33%	33%	33%	33%	67%	67%	
	SAB	25	100%	96%	96%	100%	96%	32%	100%	92%	92%	100%	100%	100%	100%	96%	96%	96%	96%	96%	96%	100%	96%	96%	96%	96%	92%	88%	
1384	method	#labs	B13	B38	B44	B57	B58	B59	B63	B77	B78	B7801	Cw 10	Cw 15	Cw 18	Cw 5	Cw 6	Cw 9	Cw 4	B47	B27	B2705	A33	B8	B54	B48	Bw 4	A80	B4005
	PRA	3	33%	33%	33%	67%	67%	33%	67%	67%	67%		33%	33%	33%	33%	33%	33%	33%	67%	33%		33%	33%	33%				
	SAB	25	92%	92%	92%	92%	92%	92%	92%	92%	92%	24%	92%	92%	92%	92%	92%	92%	84%	88%	80%	28%	72%	68%	48%	44%	36%	28%	20%
1384	method	#labs	Cw 16	B39	B14	B15	B73	A29	A34	A43	A66	A6601	A6602	A68	B41	B42	B45	B60	B61	B67	B7	B81	Bw 6	Cw 3	A11	A1102	A2	A203	A26
	SAB	25	20%	16%	12%	12%	12%	8%	8%	8%	8%	4%	4%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	

1384	method	#labs	DR4	DQ7	DQ8	DQ9	DR53	DQ4	DQ2	DQA 1*04	DQA 1*03	DQA 1*05	DQA 1*06	DR9	DQ3	DR7	DQA 1*02	DR52	DP10	DP11	DP13	DP14	DP15
class II	PRA	3	67%	67%	67%	67%	33%	33%	33%														
	SAB	22	100%	96%	96%	96%	96%	54%	50%	67%	63%	58%	50%	29%	13%	13%	8%	8%	4%	4%	4%	4%	4%

Serum 1384. Strong reactivity to A1 (14077), B51 (11204), and B53 (9932) was reported by C1q, PRA, and SAB. In addition, PRA and SAB reported reactivity to A23 (9106), A24 (6164), A32 (6325), A25 (6120), A36 (5245), as well as reactivity to a number of 5C, 7C, 8C, 12C, and C-locus specificities.

Strong class II reactivity was also detected in this sample, with PRA and SAB reporting reactivity to DR4 (7547), DQ7 (13169), DQ8 (13054), DQ9 (13665), and DR53 (7626). In addition, SAB labs reported strong anti-DQA1*05 (8500) and -DQA1*06 (12603) reactivity.

*(median MFI by SAB)

1385	method	#labs	B42	B54	B55	B7	B18	B35	B62	B50	B76	B71	B72	B75	B56	B61	B60	B41	B67	B73	B48	B81	B8101	B82	B8201	B45	B8	Cw9	Cw10	
class I	C1q	1	NT																											
	PRA	3	67%	67%	67%	67%	67%	67%	67%	33%	33%	33%	67%	33%	67%	67%	67%	67%	67%	67%	33%	67%		33%		67%	33%	33%	33%	
	SAB	23	100%	100%	100%	100%	100%	96%	96%	96%	96%	92%	92%	92%	96%	96%	92%	96%	96%	96%	92%	92%	24%	92%	20%	100%	100%	92%	92%	
1385	method	#labs	B13	B46	B78	B7801	B39	B3901	B64	B65	B38	Cw8	Cw1	Cw12	Cw14	Cw16	Cw7	B27	B2708	B2705	B59	B51	B52	B57	Bw6	B63	A31	A66	A6602	A6601
	PRA	3	33%	33%	67%		67%		33%	33%		33%		33%	33%	33%	33%			33%	33%	33%	33%							
	SAB	23	88%	88%	88%	24%	84%	28%	84%	80%	40%	80%	60%	60%	60%	44%	36%	68%	44%	12%	68%	64%	52%	40%	40%	36%	20%	20%	12%	4%
1385	method	#labs	B4005	Cw15	A30	B47	A29	B14	B15	B40	B53	B703	A1	A11	A1102	A2	A203	A23	A24	A2403	A26	A32	A33	A34	A36	A43	A68	A74	A80	B58
	SAB	23	20%	20%	16%	16%	12%	12%	12%	12%	12%	12%	8%	8%	4%	8%	4%	8%	8%	4%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%

1385	method	#labs	DR4	DQ7	DQ8	DQ9	DQ4	DR1	DR53	DR9	DR103	DQA1*06	DQA1*03	DQA1*05	DQA1*04	DQA1*02	DR7	DR11	DR14	DR15	DQ2
class II	PRA	3	67%	67%	67%	67%	67%	67%	33%												
	SAB	22	100%	96%	96%	96%	92%	100%	92%	50%	46%	42%	38%	29%	17%	13%	29%	13%	13%	13%	21%
1385	method	#labs	DQ6	DQ3	DP18	DPw3	DPw5	DP13	DP15	DPw2	DR12	DR52	DP10	DP11	DP14	DP17	DP19	DP20	DP23	DP28	DP9
	SAB	22	13%	13%	13%	13%	13%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%

Serum 1385. Reactivity to a number of 5C and 12C specificities was reported in this sample, including reactivity to B42 (3874), B54 (3583), B55 (3930), B7 (3886), B18 (3879), B35 (3529), B62 (3409), B50 (2459), and B76 (3318). In addition, anti-B45 (2336), -B8 (4109), -Cw9 (5123), and -Cw10 (3457) reactivity was reported by PRA and > 90% of SAB labs.

Anti-DR4 (13303), -DQ7 (11893), -DQ8 (11840), -DQ9 (11794), -DQ4 (2437), -DR1 (2162) and -DR53 (2860) reactivity was also detected in this sample by PRA and SAB. Each was reported by > 90% of SAB labs. In addition, strong DQA1*06 (10234) and DQA1*03 (9973) reactivity was reported by some SAB labs.

*(median MFI by SAB)

1386	method	#labs	B7	B42	B54	B55	B56	B67	B73	B81	B8101	B82	B8201	B27	B2708	B2705	A3	Cw 17	Cw 18	B57	A29	Cw 14
class I	C1q	1	no consensus																			
	PRA	3	67%	67%	67%	67%	67%	67%	33%	67%		67%		67%			67%	33%	33%			
	SAB	23	100%	100%	100%	100%	100%	100%	92%	92%	20%	92%	16%	84%	36%	24%	96%	84%	72%	24%	20%	20%
1386	method	#labs	Cw 14	B45	B47	B63	B703	B76	A11	A1102	A24	A2403	A25	A26	B60	Bw 6	A1	A2	A203	A23	A30	A31
	SAB	23	20%	12%	12%	12%	12%	12%	8%	4%	8%	4%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%

1386	method	#labs	DQ5	DQ6	DQ4	DR15	DR16	DR12	DR51	DP14	DP17	DP9	DPw 3	DPw 6	DPw 1	DR11	DP11	DR13	DR8	DR9	DP20	DR103	DP19	DPw 5	DP13	DP10	DR1
class II	PRA	3	67%	67%	67%	67%	67%	33%	33%	33%	33%	33%	33%	33%	33%	67%	33%	67%	67%	67%	33%	33%	33%	33%	33%	33%	
	SAB	22	96%	96%	96%	100%	100%	92%	92%	92%	92%	92%	92%	92%	88%	88%	83%	79%	79%	79%	75%	75%	71%	71%	63%	50%	42%
1386	method	#labs	DQA1*01	DPA1*03	DPA1*02	DPA1*01	DP18	DP26	DP31	DP85	DP107	DP30	DPw 2	DR14	DR1403	DPw 4	DQ2	DQA1*03	DQA1*04	DR10	DR17	DR4	DR52	DR53	DR7	DP15	DP23
	SAB	22	38%	21%	17%	8%	17%	17%	17%	17%	13%	13%	13%	13%	13%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%

Serum 1386. Strong anti-B7 (11340) reactivity was detected by C1q, PRA and SAB. In addition, reactivity to B42 (9890), B54 (4668), B55 (9733), B56 (8692), B67 (10060), B73 (3482), B81 (9753), B82 (7833), B27 (6754), and A3 (6566) was reported by PRA and > 90% of SAB labs. Anti-Cw17 (4968) and –Cw18 (3520) reactivity was reported by SAB as well.

Strong reactivity to DQ5 (16296), DQ6 (17697), and DQ4 (8294) was reported in this sample by PRA and SAB. In addition, reactivity to a number of DR and DP specificities, including DR15 (6833), DR16 (4556), DR12 (1716), DR51 (3716), DP14 (3261), DP17 (3060), DP9 (3446), DP3 (3900), and DP6 (3727) was reported.

*(median MFI by SAB)

NEXT MAILING DATE: July 30, 2025

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

Table 1. Summary of the 595th Serum Exchange (Serum #1382 - 1386) by C1q - class I

Method: Luminex - C1q														
*** Serum 1382 ***			*** Serum 1383 ***			*** Serum 1384 ***			*** Serum 1385 ***			*** Serum 1386 ***		
1 typing Labs			1 typing Labs			1 typing Labs			1 typing Labs			1 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no Consensus			no Consensus			no Consensus			NT			no Consensus		

Table 2. Summary of the 595th Serum Exchange (Serum #1382 - 1386) by PRA - class I

Method: Luminex - PRA														
*** Serum 1382 ***			*** Serum 1383 ***			*** Serum 1384 ***			*** Serum 1385 ***			*** Serum 1386 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	67%	100%	B13	67%	100%	A1	67%	100%	B18	67%	100%	A3	67%	100%
A11	67%	100%	B27	67%	100%	A24	67%	100%	B35	67%	100%	B27	67%	100%
A25	67%	100%	B41	67%	100%	A25	67%	100%	B39	67%	100%	B42	67%	100%
A26	67%	100%	B42	67%	100%	B18	67%	100%	B41	67%	100%	B54	67%	100%
A36	67%	100%	B47	67%	100%	B35	67%	100%	B42	67%	100%	B55	67%	100%
A66	67%	100%	B48	67%	100%	B47	67%	100%	B45	67%	100%	B56	67%	100%
A68	67%	100%	B60	67%	100%	B49	67%	100%	B54	67%	100%	B67	67%	100%
B18	67%	100%	B61	67%	100%	B50	67%	100%	B55	67%	100%	B7	67%	100%
B35	67%	100%	B67	67%	100%	B52	67%	100%	B56	67%	100%	B81	67%	100%
B37	67%	100%	B7	67%	100%	B53	67%	100%	B60	67%	100%	B82	67%	100%
B51	67%	100%	B73	67%	100%	B56	67%	100%	B61	67%	100%	B73	33%	100%
B52	67%	100%	B81	67%	100%	B57	67%	100%	B62	67%	100%	Cw17	33%	100%
B53	67%	100%	A32	33%	100%	B58	67%	100%	B67	67%	100%	Cw18	33%	100%
B56	67%	100%	A66	33%	100%	B62	67%	100%	B7	67%	100%			
B62	67%	100%	Cw17	33%	100%	B63	67%	100%	B72	67%	100%			
B63	67%	100%	Cw2	33%	100%	B64	67%	100%	B73	67%	100%			
B71	67%	100%				B65	67%	100%	B78	67%	100%			
B72	67%	100%				B72	67%	100%	B81	67%	100%			
B78	67%	100%				B75	67%	100%	B13	33%	100%			
A2	33%	100%				B77	67%	100%	B27	33%	100%			
A24	33%	100%				B78	67%	100%	B46	33%	100%			
A34	33%	100%				A23	33%	100%	B48	33%	100%			
A43	33%	100%				A32	33%	100%	B50	33%	100%			
B27	33%	100%				A33	33%	100%	B51	33%	100%			
B39	33%	100%				A36	33%	100%	B52	33%	100%			
B41	33%	100%				B13	33%	100%	B57	33%	100%			
B42	33%	100%				B27	33%	100%	B59	33%	100%			
B45	33%	100%				B37	33%	100%	B64	33%	100%			
B46	33%	100%				B38	33%	100%	B65	33%	100%			
B48	33%	100%				B44	33%	100%	B71	33%	100%			
B49	33%	100%				B46	33%	100%	B75	33%	100%			
B50	33%	100%				B51	33%	100%	B76	33%	100%			
B54	33%	100%				B54	33%	100%	B8	33%	100%			

Table 3. Summary of the 595th Serum Exchange (Serum #1382 - 1386) by Single Antigen - class I

Method: Luminex - SAB														
*** Serum 1382 ***			*** Serum 1383 ***			*** Serum 1384 ***			*** Serum 1385 ***			*** Serum 1386 ***		
25 typing Labs			25 typing Labs			25 typing Labs			25 typing Labs			25 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A1	96%	100%	B13	100%	100%	A1	100%	100%	B18	100%	100%	B42	100%	100%
B18	96%	100%	B41	100%	100%	A23	100%	100%	B42	100%	100%	B54	100%	100%
B35	96%	100%	B7	100%	100%	A32	100%	100%	B45	100%	100%	B55	100%	100%
B51	92%	100%	B73	100%	100%	B18	100%	100%	B54	100%	100%	B56	100%	100%
B53	92%	100%	B42	96%	100%	B35	100%	100%	B55	100%	100%	B67	100%	100%
B72	92%	100%	B47	96%	100%	B49	100%	100%	B7	100%	100%	B7	100%	100%
B78	92%	100%	B48	96%	100%	B50	100%	100%	B8	100%	100%	A3	96%	100%
A36	88%	100%	B60	96%	100%	B56	100%	100%	B35	96%	100%	B73	92%	100%
B37	88%	100%	B61	96%	100%	A24	96%	100%	B41	96%	100%	B81	92%	100%
B52	88%	100%	B67	96%	100%	B37	96%	100%	B50	96%	100%	B82	92%	100%
B62	88%	100%	B81	92%	100%	B46	96%	100%	B56	96%	100%	B27	84%	100%
B71	88%	100%	A32	88%	100%	B51	96%	100%	B61	96%	100%	Cw17	84%	100%
B75	88%	100%	B27	88%	100%	B52	96%	100%	B62	96%	100%	Cw18	72%	100%
A11	80%	100%	A66	68%	100%	B53	96%	100%	B67	96%	100%	B2708	36%	100%
B48	80%	100%	Cw2	52%	100%	B62	96%	100%	B73	96%	100%	B2705	24%	100%
B50	80%	100%	Cw17	44%	100%	B71	96%	100%	B76	96%	100%	B57	24%	100%
B56	80%	100%	A6602	36%	100%	B72	96%	100%	B48	92%	100%	A29	20%	100%
B67	80%	100%	B2708	36%	100%	B75	96%	100%	B60	92%	100%	B8101	20%	100%
B76	80%	100%	B55	28%	100%	B76	96%	100%	B71	92%	100%	Cw14	20%	100%
A68	76%	100%	B2705	24%	100%	Cw17	96%	100%	B72	92%	100%	B8201	16%	100%
B42	76%	100%	B8101	24%	100%	Cw2	96%	100%	B75	92%	100%	B45	12%	100%
A25	72%	100%	A2	12%	100%	A25	92%	100%	B81	92%	100%	B47	12%	100%
A34	72%	100%	A29	12%	100%	A36	92%	100%	B82	92%	100%	B63	12%	100%
B7	72%	100%	B37	12%	100%	B13	92%	100%	Cw10	92%	100%	B703	12%	100%
B8	72%	100%	B40	12%	100%	B38	92%	100%	Cw9	92%	100%	B76	12%	100%
A26	68%	100%	B703	12%	100%	B44	92%	100%	B13	88%	100%	A11	8%	100%
A43	68%	100%	A1	8%	100%	B57	92%	100%	B46	88%	100%	A24	8%	100%
B39	68%	100%	A23	8%	100%	B58	92%	100%	B78	88%	100%	A25	8%	100%
B41	68%	100%	A24	8%	100%	B59	92%	100%	B39	84%	100%	A26	8%	100%
B54	68%	100%	A25	8%	100%	B63	92%	100%	B64	84%	100%	B60	8%	100%
B61	68%	100%	A74	8%	100%	B64	92%	100%	B65	80%	100%	Bw6	8%	100%
A2	64%	100%	B18	8%	100%	B77	92%	100%	Cw8	80%	100%	A1	4%	100%
A66	64%	100%	B35	8%	100%	B78	92%	100%	B27	68%	100%	A1102	4%	100%

Table 3. Summary of the 595th Serum Exchange (Serum #1382 - 1386) by Single Antigen - class I

Method: Luminex - SAB, cont.														
*** Serum 1382 ***			*** Serum 1383 ***			*** Serum 1384 ***			*** Serum 1385 ***			*** Serum 1386 ***		
25 typing Labs			25 typing Labs			25 typing Labs			25 typing Labs			25 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B46	64%	100%	B38	8%	100%	Cw10	92%	100%	B59	68%	100%	A2	4%	100%
B55	64%	100%	B39	8%	100%	Cw15	92%	100%	B51	64%	100%	A203	4%	100%
B60	64%	100%	B3902	8%	100%	Cw18	92%	100%	Cw1	60%	100%	A23	4%	100%
B45	60%	100%	B46	8%	100%	Cw5	92%	100%	Cw12	60%	100%	A2403	4%	100%
B77	60%	100%	B49	8%	100%	Cw6	92%	100%	Cw14	60%	100%	A30	4%	100%
B49	56%	100%	B50	8%	100%	Cw9	92%	100%	B52	52%	100%	A31	4%	100%
B81	56%	100%	B51	8%	100%	B47	88%	100%	B2708	44%	100%	A32	4%	100%
B82	56%	100%	B52	8%	100%	B65	88%	100%	Cw16	44%	100%	A33	4%	100%
Cw9	56%	100%	B53	8%	100%	Cw4	84%	100%	B38	40%	100%	A34	4%	100%
Cw10	52%	100%	B56	8%	100%	B27	80%	100%	B57	40%	100%	A36	4%	100%
B73	48%	100%	B57	8%	100%	A33	72%	100%	Bw6	40%	100%	A43	4%	100%
A24	44%	100%	B58	8%	100%	B8	68%	100%	B63	36%	100%	A6601	4%	100%
A3	44%	100%	B59	8%	100%	B54	48%	100%	Cw7	36%	100%	A6602	4%	100%
B64	44%	100%	B62	8%	100%	B48	44%	100%	B3901	28%	100%	A68	4%	100%
Cw8	44%	100%	B63	8%	100%	Bw4	36%	100%	B7801	24%	100%	A69	4%	100%
B27	40%	100%	B64	8%	100%	A2403	32%	100%	B8101	24%	100%	A74	4%	100%
B2708	40%	100%	B65	8%	100%	A80	28%	100%	A31	20%	100%	A80	4%	100%
B63	36%	100%	B71	8%	100%	B2705	28%	100%	A66	20%	100%	B13	4%	100%
B65	36%	100%	B72	8%	100%	B7801	24%	100%	B4005	20%	100%	B15	4%	100%
Bw6	32%	100%	B75	8%	100%	B4005	20%	100%	B8201	20%	100%	B18	4%	100%
A6601	28%	100%	B76	8%	100%	Cw16	20%	100%	Cw15	20%	100%	B35	4%	100%
A6602	28%	100%	B77	8%	100%	B39	16%	100%	A30	16%	100%	B37	4%	100%
B58	28%	100%	B78	8%	100%	B14	12%	100%	B47	16%	100%	B38	4%	100%
A1102	24%	100%	B8	8%	100%	B15	12%	100%	A29	12%	100%	B39	4%	100%
A69	24%	100%	Bw4	8%	100%	B73	12%	100%	A6602	12%	100%	B41	4%	100%
Cw12	24%	100%	Bw6	8%	100%	A29	8%	100%	B14	12%	100%	B44	4%	100%
A1101	20%	100%	Cw10	8%	100%	A34	8%	100%	B15	12%	100%	B46	4%	100%
Cw1	20%	100%	Cw15	8%	100%	A43	8%	100%	B2705	12%	100%	B48	4%	100%
Cw17	20%	100%	Cw9	8%	100%	A66	8%	100%	B40	12%	100%	B49	4%	100%
A203	16%	100%	A11	4%	100%	A68	8%	100%	B53	12%	100%	B50	4%	100%
A2403	16%	100%	A1102	4%	100%	B41	8%	100%	B703	12%	100%	B51	4%	100%
B3901	16%	100%	A203	4%	100%	B42	8%	100%	A1	8%	100%	B52	4%	100%

Table 4. Summary of the 595th Serum Exchange (Serum #1382-1386) by PRA - class II

Method: Luminex - PRA														
*** Serum 1382 ***			*** Serum 1383 ***			*** Serum 1384 ***			*** Serum 1385 ***			*** Serum 1386 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR11	67%	100%	DR11	67%	100%	DQ7	67%	100%	DQ4	67%	100%	DQ4	67%	100%
DR12	67%	100%	DR12	67%	100%	DQ8	67%	100%	DQ7	67%	100%	DQ5	67%	100%
DR13	67%	100%	DR13	67%	100%	DQ9	67%	100%	DQ8	67%	100%	DQ6	67%	100%
DR14	67%	100%	DR14	67%	100%	DR4	67%	100%	DQ9	67%	100%	DR11	67%	100%
DR16	67%	100%	DR15	67%	100%	DQ2	33%	100%	DR1	67%	100%	DR13	67%	100%
DR17	67%	100%	DR16	67%	100%	DQ4	33%	100%	DR4	67%	100%	DR15	67%	100%
DR18	67%	100%	DR17	67%	100%	DR53	33%	100%	DR53	33%	100%	DR16	67%	100%
DR8	67%	100%	DR18	67%	100%							DR8	67%	100%
DQ2	33%	100%	DR8	67%	100%							DR9	67%	100%
DQ4	33%	100%	DR10	33%	100%							DP10	33%	100%
DQ7	33%	100%	DR52	33%	100%							DP11	33%	100%
DR15	33%	100%										DP13	33%	100%
DR52	33%	100%										DP14	33%	100%
												DP17	33%	100%
												DP19	33%	100%
												DP20	33%	100%
												DP9	33%	100%
												DPw1	33%	100%
												DPw3	33%	100%
												DPw5	33%	100%
												DPw6	33%	100%
												DR103	33%	100%
												DR12	33%	100%
												DR51	33%	100%

Table 5. Summary of the 595th Serum Exchange (Serum #1382-1386) by Single Antigen - class II

Method: Luminex - SAB														
*** Serum 1382 ***			*** Serum 1383 ***			*** Serum 1384 ***			*** Serum 1385 ***			*** Serum 1386 ***		
24 typing Labs			24 typing Labs			24 typing Labs			24 typing Labs			24 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR11	100%	100%	DR10	96%	100%	DR4	100%	100%	DR1	100%	100%	DR15	100%	100%
DR12	100%	100%	DR11	96%	100%	DQ7	96%	100%	DR4	100%	100%	DR16	100%	100%
DR13	100%	100%	DR12	96%	100%	DQ8	96%	100%	DQ7	96%	100%	DQ4	96%	100%
DR14	100%	100%	DR13	96%	100%	DQ9	96%	100%	DQ8	96%	100%	DQ5	96%	100%
DR8	96%	100%	DR14	96%	100%	DR53	96%	100%	DQ9	96%	100%	DQ6	96%	100%
DR17	96%	100%	DR15	96%	100%	DQA1*04	67%	100%	DQ4	92%	100%	DP14	92%	100%
DR52	92%	100%	DR8	96%	100%	DQA1*03	63%	100%	DR53	92%	100%	DP17	92%	100%
DR16	88%	100%	DR16	92%	100%	DQA1*05	58%	100%	DR9	50%	100%	DP9	92%	100%
DR18	88%	100%	DR17	92%	100%	DQ4	54%	100%	DR103	46%	100%	DPw3	92%	100%
DR15	83%	100%	DR52	92%	100%	DQ2	50%	100%	DQA1*06	42%	100%	DPw6	92%	100%
DQA1*05	58%	100%	DR18	88%	100%	DQA1*06	50%	100%	DQA1*03	38%	100%	DR12	92%	100%
DQ7	46%	100%	DQ4	29%	100%	DR9	29%	100%	DQA1*05	29%	100%	DR51	92%	100%
DQA1*06	46%	100%	DQ9	21%	100%	DQ3	13%	100%	DR7	29%	100%	DPw1	88%	100%
DQ2	33%	100%	DR1	16%	100%	DR7	13%	100%	DQ2	21%	100%	DR11	88%	100%
DR1	33%	100%	DR9	16%	100%	DQA1*02	8%	100%	DQA1*04	17%	100%	DP11	83%	100%
DQ4	29%	100%	DP23	13%	100%	DR52	8%	100%	DP18	13%	100%	DR13	79%	100%
DR4	17%	100%	DQ2	13%	100%	DP10	4%	100%	DPw3	13%	100%	DR8	79%	100%
DQ3	13%	100%	DQ7	13%	100%	DP11	4%	100%	DPw5	13%	100%	DR9	79%	100%
DQA1*04	13%	100%	DQA1*03	13%	100%	DP13	4%	100%	DQ3	13%	100%	DP20	75%	100%
DR10	13%	100%	DQA1*05	13%	100%	DP14	4%	100%	DQ6	13%	100%	DR103	75%	100%
DR1403	13%	100%	DR1403	13%	100%	DP15	4%	100%	DQA1*02	13%	100%	DP19	71%	100%
DR1404	13%	100%	DR1404	13%	100%	DP17	4%	100%	DR11	13%	100%	DPw5	71%	100%
DR3	13%	100%	DR51	13%	100%	DP18	4%	100%	DR14	13%	100%	DP13	63%	100%
DP11	8%	100%	DPw4	8%	100%	DP19	4%	100%	DR15	13%	100%	DP10	50%	100%
DP14	8%	100%	DQ3	8%	100%	DP20	4%	100%	DP13	8%	100%	DR1	42%	100%
DPw3	8%	100%	DQ8	8%	100%	DP23	4%	100%	DP15	8%	100%	DQA1*01	38%	100%
DQ5	8%	100%	DR103	8%	100%	DP28	4%	100%	DPw2	8%	100%	DPA1*03	21%	100%
DQ6	8%	100%	DR3	8%	100%	DP9	4%	100%	DR12	8%	100%	DP18	17%	100%
DQ8	8%	100%	DP10	4%	100%	DPw1	4%	100%	DR52	8%	100%	DP26	17%	100%
DQ9	8%	100%	DP11	4%	100%	DPw2	4%	100%	DP10	4%	100%	DP31	17%	100%
DR9	8%	100%	DP13	4%	100%	DPw3	4%	100%	DP11	4%	100%	DP85	17%	100%
DP10	4%	100%	DP14	4%	100%	DPw4	4%	100%	DP14	4%	100%	DPA1*02	17%	100%
DP13	4%	100%	DP15	4%	100%	DPw5	4%	100%	DP17	4%	100%	DP107	13%	100%
DP15	4%	100%	DP17	4%	100%	DPw6	4%	100%	DP19	4%	100%	DP30	13%	100%

Table 6. Individual laboratory results for Serum #1382 - 1386 by C1q - class I

**** Serum 1382 ****				**** Serum 1383 ****							**** Serum 1384 ****					**** Serum 1385 ****				**** Serum 1386 ****			
Ctr	% POS	B35	Other	% POS	B48	B60	B61	B7	B8101	Other	% POS	A1	B51	B53	Other	% POS		Other	% POS	B7	Other	Method	
786		+			+	+	+	+	+			+	+	+		NT				+		C1q	

Table 7. Individual laboratory results for Serum #1382 - 1386 by PRA - class I

		**** Serum 1382 ****																						
Ctr	% POS	A1	A11	A25	A26	A36	A66	A68	B18	B35	B37	B51	B52	B53	B56	B62	B63	B71	B72	B78			Other	Method
2400	93																							LMX-PRA
3753	82	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-PRA
6649		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			B82,B75,B7,B45 >	LMX-PRA

	**** Serum 1383 ****																					
Ctr	% POS	B13	B27	B41	B42	B47	B48	B60	B61	B67	B7	B73	B81								Other	Method
2400	39																					LMX-PRA
3753	48	+	+	+	+	+	+	+	+	+	+	+	+									LMX-PRA
6649		+	+	+	+	+	+	+	+	+	+	+	+								A32,Cw2,Cw17,A66	LMX-PRA

		**** Serum 1384 ****																						
Ctr	% POS	A1	A24	A25	B18	B35	B47	B49	B50	B52	B53	B56	B57	B58	B62	B63	B64	B65	B72	B75	B77	B78	Other	Method
2400	95																							LMX-PRA
3753	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-PRA
6649		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw15,Cw18,B54,A32 >	LMX-PRA

	**** Serum 1385 ****																							
Ctr	% POS	B18	B35	B39	B41	B42	B45	B54	B55	B56	B60	B61	B62	B67	B7	B72	B73	B78	B81				Other	Method
2400	89																							LMX-PRA
3753	68	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-PRA
6649		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				B82,B75,B64,B65 >	LMX-PRA

		**** Serum 1386 ****																						
Ctr	% POS	A3	B27	B42	B54	B55	B56	B67	B7	B81	B82												Other	Method
2400	41																							LMX-PRA
3753	46	+	+	+	+	+	+	+	+	+	+													LMX-PRA
6649		+	+	+	+	+	+	+	+	+	+												Cw18,B73,Cw17	LMX-PRA

Table 8. Individual laboratory results for Serum #1382 by Single Antigen - class I

	**** Serum 1382 ****																																																							
Ctr	% POS	A1	B18	B35	B51	B53	B72	B78	A36	B37	B52	B62	B71	B75	A11	A1102	B48	B50	B56	B67	B76	A68	B42	A25	A34	B7	B8	A26	A43	B39	B41	B54	B61	A2	A66	A6601	A6602	B46	B55	B60	B45	B77	B49	B81	B82	Cw9	Cw10	B73								
716	22	+	+	+			+	+	+			+	+	+	+	+	+	+	+	+	+		+		+					+				+	+	+	+																			
725		+	+	+	+	+	+	+																																																
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
2400	75	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+	+	+												+																						
3224	54	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			+	+	+	+	+	+	+	+	+	+	+	+						
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	+	+	+	+	+	+	+	+	+	+	+					
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3808	100																																																							
3966	61	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	+	+	+	+	+	+	+	+	+	+	+					
4322		+	+	+	+	+		+	+	+	+				+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+				
8058	61	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																																								
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8103	50	+	+	+	+	+	+		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																																								
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8133		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8134		+	+	+	+	+	+		+	+	+	+	+	+	+				+			+			+																															
8135	48	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		+		+		+		+	+	+	+	+	+	+	+		
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8138	45	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		+		+		+		+		+		+		+	+	+

Table 8. Individual laboratory results for Serum #1382 by Single Antigen - class I, cont.

	**** Serum 1382 ****													
Ctr	A24	A3	B64	Cw8	B27	B2708	B63	B65	Bw6	B58	A69	Cw12	Other	Method
716									+				B7801,A1101,B3901	LMX-SAB
725														LMX-SAB
786	+	+	+	+		+	+	+		+	+	+	Cw1	LMX-SAB
2400														LMX-SAB
3224	+	+	+	+		+		+	+	+	+		A203	LMX-SAB
3753			+			+	+	+	+					LMX-SAB
3766	+	+	+	+	+	+					+		B7801,A1101,B8201,B3901 >	LMX-SAB
3808														LMX-SAB
3966	+		+	+	+		+			+				LMX-SAB
4322		+		+	+	+			+			+	B7801,A1101,B3901,B14 >	LMX-SAB
5462			+	+	+			+	+				B*27:08	LMX-SAB
8058	+	+	+		+		+	+		+	+		A1101,B40	LMX-SAB
8082			+	+	+		+	+	+	+		+	Cw1,Cw7,Cw17,Cw14 >	LMX-SAB
8090	+	+				+	+						B4005, A*02:03, A*02:05, A*03:02	LMX-SAB
8098														LMX-SAB
8100	+	+			+	+			+				B4005,A10C,A2403	LMX-SAB
8103		+		+		+							B7801,A1101,B8201,B3901 >	LMX-SAB
8112					+								B13	LMX-SAB
8125														LMX-SAB
8128	+	+	+	+		+	+	+				+	B4005	LMX-SAB
8133	+	+	+	+	+		+	+	+	+	+	+	A29,B57,B59,Bw4 >	LMX-SAB
8134														LMX-SAB
8135					+									LMX-SAB
8137	+	+	+	+		+	+	+		+	+	+	Cw15,Cw18,B2705,A29 >	LMX-SAB
8138	+												B4005	LMX-SAB

Table 9. Individual laboratory results for Serum #1383 by Single Antigen - class I

	**** Serum 1383 ****																							
Ctr	% POS	B13	B41	B7	B73	B42	B47	B48	B60	B61	B67	B81	A32	B27	A66	Cw2	Cw17	A6602	B2708	B55	B2705	B8101	Other	Method
716	14	+	+	+	+	+		+	+	+	+	+		+	+				+		+	+	Bw4,Bw6	LMX-SAB
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+				+					LMX-SAB
786		+	+	+	+	+	+	+	+	+	+		+			+	+					+		LMX-SAB
2400	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX-SAB
3224	19	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+						LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+				+						LMX-SAB
3766	54	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		LMX-SAB
3808	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		+	+	B703	LMX-SAB
3966	20	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
4322		+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	B40	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+								A*66:02	LMX-SAB
8058	20	+	+	+	+	+	+	+	+	+	+	+	+	+				+					B40	LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+				LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+					+			B3902,A29	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+				+				B703	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			B3902,B39,A2	LMX-SAB
8103	20	+	+	+	+	+	+	+	+	+	+		+			+	+	+	+		+	+	B40	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+						Cw15,B75,B56,A1 >	LMX-SAB
8125		+	+	+	+		+		+	+	+	+	+	+										LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+				LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+			A29,A74,B37,Bw4 >	LMX-SAB
8134		+	+	+	+	+	+	+	+	+	+	+		+	+				+				B703	LMX-SAB
8135	15	+	+	+	+	+	+	+	+	+		+		+	+									LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+		A1102,A6601,Cw15,Cw18 >	LMX-SAB
8138	15	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX-SAB

Table 10. Individual laboratory results for Serum #1384 by Single Antigen - class I

[illegible]

Table 10. Individual laboratory results for Serum #1384 by Single Antigen - class I, cont.

**** Serum 1384 ****							
Ctr	B8	B54	B48	Bw4	A80	Other	Method
716				+		Bw6	LMX-SAB
725						B14	LMX-SAB
786	+	+	+		+		LMX-SAB
2400	+						LMX-SAB
3224	+	+		+		B39, A*33:01	LMX-SAB
3753				+			LMX-SAB
3766	+	+					LMX-SAB
3808						Cw403	LMX-SAB
3966	+	+					LMX-SAB
4322	+	+	+	+	+	B14,Cw3,B15	LMX-SAB
5462	+			+		B*27:05, A*33:01	LMX-SAB
8058	+	+	+		+	B15	LMX-SAB
8082	+	+	+	+	+		LMX-SAB
8090	+	+	+			B4005,Cw16	LMX-SAB
8098				+			LMX-SAB
8100	+		+	+		B4005,B5C,Cw16	LMX-SAB
8103	+	+				B14,Cw3,B15	LMX-SAB
8112	+		+			B7,B67,B41,B42 >	LMX-SAB
8125						B4005	LMX-SAB
8128	+	+	+		+	B4005,B39,Cw16	LMX-SAB
8133	+	+	+	+	+	B45,A34,A29,A68 >	LMX-SAB
8134							LMX-SAB
8135							LMX-SAB
8137	+	+	+		+	B2708,A1102,A6601,A6602 >	LMX-SAB
8138	+		+			B4005,Cw16	LMX-SAB

Table 11. Individual laboratory results for Serum #1385 by Single Antigen - class I

[illegible]

Table 11. Individual laboratory results for Serum #1385 by Single Antigen - class I, cont.

**** Serum 1385 ****						
Ctr	Cw7	B3901	B7801	B8101	Other	Method
716		+	+	+	B8201	LMX-SAB
725					B14	LMX-SAB
786	+	+		+	A6602,B8201,Cw15,B2705	LMX-SAB
2400						LMX-SAB
3224	+					LMX-SAB
3753						LMX-SAB
3766			+	+	B8201	LMX-SAB
3808		+	+	+	B703	LMX-SAB
3966	+					LMX-SAB
4322	+	+	+	+	A6602,B8201,Cw15,B2705 >	LMX-SAB
5462						LMX-SAB
8058					A31,B40,B15,A66 >	LMX-SAB
8082	+				Cw15,A66	LMX-SAB
8090					B4005,A32,A24	LMX-SAB
8098		+			B703	LMX-SAB
8100					B4005	LMX-SAB
8103		+	+	+	B8201,B14,Cw3,B40 >	LMX-SAB
8112					A1,A26,A34,A29 >	LMX-SAB
8125					B4005	LMX-SAB
8128	+				B4005	LMX-SAB
8133	+				Cw15,A29,A30,A31 >	LMX-SAB
8134		+			B703	LMX-SAB
8135	+				Cw18	LMX-SAB
8137	+				A1102,A6601,A6602,Cw15 >	LMX-SAB
8138			+		B4005	LMX-SAB

Table 12. Individual laboratory results for Serum #1386 by Single Antigen - class I

	**** Serum 1386 ****																		
Ctr	% POS	B42	B54	B55	B56	B67	B7	A3	B73	B81	B82	B27	Cw17	Cw18	B2708	B2705	B57	Other	Method
716	10	+	+	+	+	+	+		+	+	+			+				Bw6	LMX-SAB
725		+	+	+	+	+	+	+	+	+	+	+	+		+				LMX-SAB
786		+	+	+	+	+	+	+	+				+	+	+	+	+	B8201,B8101	LMX-SAB
2400	46	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
3224	14	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
3766	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B8201,B8101	LMX-SAB
3808	15	+	+	+	+	+	+	+		+	+	+	+		+	+		B703,B8101	LMX-SAB
3966	14	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B8201,B8101,B15	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8058	22	+	+	+	+	+	+	+	+	+	+	+					+	A29	LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+			+	B45,A29,B63,B76 >	LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+				Cw14,C*18:02	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+		+			B703	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+				Cw14	LMX-SAB
8103	15	+	+	+	+	+	+	+	+				+	+	+	+		B8201,A29,B8101	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+				Cw14	LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+	+	+	+			+	B45,A25,A26,A29 >	LMX-SAB
8134		+	+	+	+	+	+	+		+	+	+	+		+			B703	LMX-SAB
8135	16	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	A1102,A6601,A6602,Cw15 >	LMX-SAB
8138	14	+	+	+	+	+	+	+	+	+	+	+						Cw14	LMX-SAB

Table 13. Individual laboratory results for Serum #1382 - 1366 by PRA- class II

**** Serun 1382 ****												**** Serun 1383 ****											
Ctr	% POS	DR11	DR12	DR13	DR14	DR16	DR17	DR18	DR8		Other	% POS	DR11	DR12	DR13	DR14	DR15	DR16	DR17	DR18	DR8	Other	
2400	80											94											
6649		+	+	+	+	+	+	+	+		DQ2,DQ4,DR15,DR52 >		+	+	+	+	+	+	+	+	+	DR10,DR52	
3753	77	+	+	+	+	+	+	+	+			80	+	+	+	+	+	+	+	+	+		

**** Serum 1384 ****												**** Serum 1385 ****											
Ctr	% POS	DQ7	DQ8	DQ9	DR4					Other		% POS	DQ4	DQ7	DQ8	DQ9	DR1	DR4			Other		
2400	63											66											
6649		+	+	+	+					DQ2,DQ4,DR53			+	+	+	+	+	+			DR53		
3753	47	+	+	+	+							67	+	+	+	+	+	+					

**** Serum 1386 ****													
Ctr	% POS	DQ4	DQ5	DQ6	DR11	DR13	DR15	DR16	DR8	DR9	Other	Method	
2400	97											LMX-PRA	
6649		+	+	+	+	+	+	+	+	+	DR12,DR51,DPw1,DPw3>	LMX-PRA	
3753	93	+	+	+	+	+	+	+	+	+	DR103	LMX-PRA	

Table 14. Individual laboratory results for Serum #1382 by Single Antigen - class II

**** Serum 1382 ****																			
Ctr	% POS	DR11	DR12	DR13	DR14	DR8	DR17	DR52	DR16	DR18	DR15	DQA1*05	DQ7	DQA1*06	DQ2	DR1	DQ4	Other	Method
716	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
725		+	+	+	+	+	+	+		+									LMX-SAB
2400	90	+	+	+	+	+	+	+	+	+	+	+		+		+			LMX-SAB
3224	25	+	+	+	+	+	+	+	+	+	+	+		+				DQA1*04	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+		+		+			LMX-SAB
3766	79	+	+	+	+	+	+	+	+	+	+	+	+	+				DQA1*05:05, DQA1*05:03, DQA1*05:01, DQA1*06:01	LMX-SAB
3808	23	+	+	+	+	+	+	+	+	+	+							DR1403,DR1404	LMX-SAB
3966	27	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		LMX-SAB
4322		+	+	+	+	+		+	+		+	+	+	+	+		+	DR3,DQ3,DQA1*04	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+						DQA1*06	LMX-SAB
8058	35	+	+	+	+	+	+		+		+				+	+	+	DR3,DR4,DR9,DR10 >	LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+		+				DQ3	LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+				DQB1*03:19	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+							DR1403,DR1404	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8103	2	+	+	+	+	+	+		+		+	+		+		+	+	DR3,DQ5,DQ6	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+		+		+		+		LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+		+						LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+				+		DR4,DR10,DQA1*04	LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+		+		+		+	DR4,DQ8,DQ9,DPw3 >	LMX-SAB
8134		+	+	+	+	+	+	+	+	+								DR1403,DR1404	LMX-SAB
8135	21	+	+	+	+	+	+	+		+			+		+				LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+		+		+	+	+	DR4,DR7,DR9,DR10 >	LMX-SAB
8138	22	+	+	+	+	+	+	+		+		+							LMX-SAB

Table 15. Individual laboratory results for Serum #1383 - 1384 by Single Antigen - class II

	**** Serum 1383 ****															**** Serum 1384 ****																
Ctr	% POS	DR10	DR11	DR12	DR13	DR14	DR15	DR8	DR16	DR17	DR52	DR18	DQ4	DQ9	Other		% POS	DR4	DQ7	DQ8	DQ9	DR53	DQA1*04	DQA1*03	DQA1*05	DQ4	DQ2	DQA1*06	DR9	Other	Method	
716	25	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*05,DQ7,DQA1*03		24	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*02	LMX-SAB	
725		+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+	+	+	+			+			LMX-SAB	
2400	84	+	+	+	+	+	+	+	+	+	+	+					83	+	+	+	+	+	+	+	+							LMX-SAB
3224	21	+	+	+	+	+	+	+	+	+	+	+					23	+	+	+	+	+	+	+	+			+		A*33:01	LMX-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+	+	+	+				+			LMX-SAB
3766	80	+	+	+	+	+	+	+	+	+	+	+					65	+	+	+	+	+	+	+	+			+	DR52, DQA1*03:01, DQA1*03:03, DQA1*04:01, DQA1*05:01, DRB3*03:01		LMX-SAB	
3808	28	+	+	+	+	+	+	+	+	+	+	+			DR1403,DR1404		25	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
3966	22	+	+	+	+	+	+	+	+	+	+	+	+				24	+	+	+	+	+	+	+		+	+					LMX-SAB
4322		+	+	+	+	+	+	+	+		+		+	+	DR3,DQ3,DQA1*05,DQA1*03			+	+	+	+	+	+	+	+	+	+	+	+	DQ3,DQA1*02		LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+			DQA1*06			+	+	+	+	+				+	+		DQA1*03, DQA1*04, DQA1*05.		LMX-SAB	
8058	27	+	+	+	+	+	+	+	+	+			+		DR1,DR3,DR9,DQ2 >		25	+								+	+		+	DR7,DQ3		LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+	+	+	+			+				LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+			DQA1*05			+	+	+	+	+	+	+	+			+	+	DRB1*09:02		LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+			DR1403,DR1404			+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
8103	0																24	+	+	+	+	+	+	+	+			+	DQ3		LMX-SAB	
8112		+	+	+	+	+	+	+	+	+	+	+	+					+	+	+	+	+				+	+					LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+					+					LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+			DR1,DR9,DR51,DQA1*03			+	+	+	+	+	+	+					+			LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+	+	+	+	DR1,DR9,DQ2,DR103 >			+	+	+	+	+				+	+		+	DR7		LMX-SAB
8134		+	+	+	+	+	+	+	+	+	+	+		+	DR1403,DR1404,DPw4			+	+	+	+	+				+	+					LMX-SAB
8135	22	+	+	+	+	+	+			+	+	+					24	+	+	+	+	+				+	+					LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	DR1,DR4,DR7,DR9 >			+	+	+	+	+				+	+		+	DR1,DR7,DR8,DR10 >		LMX-SAB
8138	25	+	+	+	+	+	+	+	+	+	+	+					24	+	+	+	+	+	+	+	+			+				LMX-SAB

Table 16. Individual laboratory results for Serum #1385 by Single Antigen - class II

**** Serum 1385 ****																	
Ctr	% POS	DR1	DR4	DQ7	DQ8	DQ9	DQ4	DR53	DR9	DR103	DQA1*06	DQA1*03	DQA1*05	DR7	DQ2	Other	Method
716	25	+	+	+	+	+	+	+	+		+	+	+			DQA1*02,DQA1*04	LMX-SAB
725		+	+	+	+	+		+	+		+			+			LMX-SAB
2400	81	+	+	+	+	+	+	+									LMX-SAB
3224	27	+	+	+	+	+	+	+		+	+	+	+			DRB1*09:02	LMX-SAB
3753		+	+	+	+	+	+	+									LMX-SAB
3766	78	+	+	+	+	+	+	+	+	+							LMX-SAB
3808	27	+	+	+	+	+	+	+	+	+	+	+		+		DQA1*04	LMX-SAB
3966	31	+	+	+	+	+	+	+	+	+		+	+		+		LMX-SAB
4322		+	+	+	+	+	+	+			+	+	+			DQ3,DQA1*02,DQA1*04	LMX-SAB
5462		+	+	+	+	+	+	+									LMX-SAB
8058	29	+	+				+		+						+	DR11,DQ3,DR14,DR15 >	LMX-SAB
8082		+	+	+	+	+	+	+		+	+	+	+			DQA1*02	LMX-SAB
8090		+	+	+	+	+	+	+			+	+	+			DQB1*04:02	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+		+		DQA1*04	LMX-SAB
8100		+	+	+	+	+	+	+			+						LMX-SAB
8103	23	+	+	+	+	+					+	+	+			DQ3	LMX-SAB
8112		+	+	+	+	+	+	+	+						+	DR52,DPw3,DPw5,DQ6 >	LMX-SAB
8125		+	+	+	+	+	+	+									LMX-SAB
8128		+	+	+	+	+	+	+	+	+				+			LMX-SAB
8133		+	+	+	+	+	+	+	+	+				+	+	DR11,DR12,DR14,DR15 >	LMX-SAB
8134		+	+	+	+	+	+	+	+	+				+			LMX-SAB
8135	24	+	+	+	+	+	+	+									LMX-SAB
8137		+	+	+	+	+	+	+	+	+				+	+	DR8,DR10,DR11,DR12 >	LMX-SAB
8138	28	+	+	+	+	+	+	+		+							LMX-SAB

Table 17. Individual laboratory results for Serum #1386 by Single Antigen - class II

		**** Serum 1386 ****																														
Ctr	% POS	DR15	DR16	DQ4	DQ5	DQ6	DP14	DP17	DP9	DPw3	DPw6	DR12	DR51	DPw1	DR11	DP11	DR13	DR8	DR9	DP20	DR103	DP19	DPw5	DP13	DP10	DR1	DQA1*01	DPA1*03	Other	Method		
716	52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DPA1*01,DPA1*02,DQA1*02,DQA1*03 >	LMX-SAB		
725		+	+	+	+	+	+	+	+	+	+	+	+		+		+	+								+	+		DR14,DPw2,DP18	LMX-SAB		
2400	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+											LMX-SAB	
3224	48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DPA1*02:02	LMX-SAB		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX-SAB	
3766	86	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+						LMX-SAB	
3808	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+			+				LMX-SAB	
3966	54	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*01,DPA1*02,DQA1*03,DQA1*04	LMX-SAB	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+									LMX-SAB
8058	53	+	+	+	+	+	+	+	+			+			+	+	+	+	+	+	+		+		+	+	+					LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*02	LMX-SAB	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1403,DPA1*02,DP26,DP31 >	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+			+			DR1403,DP18	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+			DP26,DP31,DP85	LMX-SAB	
8103	54	+	+									+			+		+	+	+							+					LMX-SAB	
8112		+	+	+	+	+				+	+	+	+	+	+	+	+	+	+		+	+	+									LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+		+	+							+		+	+								LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+			DP8,DP26,DP31,DP30 >	LMX-SAB	
8133		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			DR4,DR7,DR10,DQ2 >	LMX-SAB	
8134		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+				+		+						DR1403,DPw2,DPw4,DP18	LMX-SAB	
8135	32	+	+	+	+	+	+	+	+	+	+		+	+		+					+											LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			DR4,DR7,DR10,DQ2 >	LMX-SAB	
8138	50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+			DP26,DP31,DP30,DP107 >	LMX-SAB	