

Report of the 597th Serum Exchange

NOVEMBER 5, 2025

Sera 1392 - 1396

The results for **Serum Exchange 597 (sera 1392 - 1396)**, are summarized in Tables 1 – 6 and individual laboratory results by method are listed in

Tables 8 - 20.

1392	method	#labs	A2	A203	A23	A24	A2403	A32	A68	A69	A25	B57	B58	B49	B51	B52	B53	B38	B37	B44	B13	B59	B47	B77	B63
class I	Other	1	no consensus																						
	PRA	2	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
	SAB	26	100%	35%	100%	100%	42%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	96%	92%
1392	method	#labs	B27	B2705	Bw4	B15	A80	B62	B76	A1	A10	A11	A1102	A19	A28	A2C	A3	A36	A43	A9	B12	B16	B17	B21	B42
	PRA	2	50%		50%																				
	SAB	26	88%	42%	46%	19%	12%	12%	12%	8%	8%	8%	4%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
1392	method	#labs	B45	B46	B5	B54	B55	B56	B67	B7	B73	B8	B81	B82	Cw15	Cw17	Cw18	Cw2	Cw4	Cw5	Cw6	Cw7	A26	A29	
	SAB	26	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	

1392	method	#labs	DR7	DR12	DR9	DQ7	DQ8	DQ9	DQ6	DR52	DQ4	DQ2	DQA1*02	DQA1*03	DQA1*04	DQA1*05	DQA1*06	DQA1*01	
class II	Other	1	no consensus																
	PRA	2	50%	50%	50%	50%	50%	50%	50%		50%	50%							
	SAB	26	100%	100%	100%	96%	96%	96%	92%	92%	77%	73%	42%	31%	27%	27%	27%	23%	
1392	method	#labs	DQ3	DQ1	DQ5	DR5	DP10	DP11	DP13	DP14	DP15	DP17	DP18	DP19	DP20	DP23	DP28	DP9	DPw1
	SAB	26	23%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%

Other = HISTO SPOT HLA AB

Serum 1392. Strong reactivity to a number of 2C, 10C, and 5C specificities was detected in this sample by all 3 method types, including anti-A2 (19797), -A203 (17041), -A32 (10397), -A68 (15662), -A69 (14358), -B57 (16855) and -B58 (13823) reactivity. In addition, strong anti-Bw4 (14124) reactivity was reported by all methods.

Class II reactivity was also detected in this sample, with labs reporting reactivity to DR7 (16610), DR12 (7360), DR9 (7976), DQ7 (11586), DQ8 (11530), DQ9 (13033), DQ6 (2311), and DR52 (7112). Each was reported by > 90% of SAB labs.

*(median MFI by SAB)

1393	method	#labs	B42	B54	B55	B56	B67	B7	B81	B8101	B82	B59	B27	B2705	B2708	B47	B73	A1	A2	A203	A3	A11
class I	Other	1	no consensus																			
	PRA	2	50%	50%	50%	50%	50%	50%	50%		50%	50%	50%		50%	50%	50%	50%	50%	50%	50%	50%
	SAB	26	100%	100%	100%	100%	100%	100%	100%	23%	100%	100%	96%	27%	42%	96%	96%	100%	100%	35%	100%	100%
1393	method	#labs	A1102	A1101	A25	A32	A36	A69	B37	B44	B45	B57	B58	B49	B51	B52	B53	B8	B38	Cw15	Cw18	Cw2
	PRA	2			50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%		50%
	SAB	26	27%	23%	100%	100%	100%	100%	100%	100%	85%	100%	100%	100%	100%	96%	100%	100%	96%	100%	100%	100%
1393	method	#labs	Cw6	A80	A23	A24	A2403	B76	B63	B77	Cw4	Cw5	Cw17	B13	A43	A26	A68	A66	A6601	A6602	Bw4	Cw14
	PRA	2	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%				50%	50%
	SAB	26	100%	96%	100%	100%	42%	96%	92%	92%	96%	96%	85%	81%	92%	73%	65%	54%	38%	4%	31%	23%
1393	method	#labs	Cw16	B15	B35	B46	B50	B62	B703	B75	B8201	A29	A34	B71	B72	Bw6	Cw1	Cw403	Cw10	Cw7	Cw8	A33
	PRA	2	50%			50%		50%	50%			50%	50%		50%				50%	50%	50%	50%
	SAB	26	23%	19%	15%	15%	15%	15%	15%	15%	15%	12%	12%	12%	12%	12%	12%	12%	8%	8%	4%	8%
1393	method	#labs	A31	A74	B39	B48	B61	B64	B65	A10	A19	A1C	A28	A9	B12	B16	B17	B21	B22	B41	B5	B78
	PRA	2	50%	50%	50%	50%	50%	50%	50%													
	SAB	26	4%	4%	4%	4%	4%	4%	4%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%

1393	method	#labs	DR1	DR10	DR7	DR9	DR103	DR51	DP17	DP9	DPw3	DPw6	DQ2	DR12	DP14	DP20	DR52	DQA1*05	
class II	Other	1	no consensus																
	PRA	2	50%	50%	50%	50%	50%	50%					50%						
	SAB	22	96%	96%	96%	96%	92%	92%	85%	85%	81%	81%	73%	65%	62%	62%	62%	19%	
1393	method	#labs	DPw1	DQ5	DPA1*02	DPA1*03	DQA1*04	DR15	DP10	DP11	DP13	DP15	DP18	DP19	DP23	DP28	DPA1*01	DPw2	DPw4
	SAB	22	15%	15%	12%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%

Other = HISTO SPOT HLA AB

Serum 1393. Strong reactivity to a number of 7C specificities was reported in this sample by all methods, including anti-B42 (13557), -B54 (10033), -B55 (13558), -B56 (13021), -B67 (15879), -B7 (16311), and -B81 (11293) reactivity. In addition, labs reported strong reactivity to A1 (9870), A2 (13330), A203 (9839), and A3 (9376).

Reactivity to a number of DR and DP specificities was also detected in this sample. All 3 method types reported anti-DR1 (6530), -DR10 (6497), -DR7 (4092), -DR9 (2924), -DR103 (6613), and -DR51 (2968) reactivity. In addition, SAB labs reported reactivity to DP specificities, including DP17 (1779), DP9 (2102), DP3 (1416), and DP6 (1461).

*(median MFI by SAB)

1394	method	#labs	NEG	B76	B45	B44	B57	A25	A26	A29	A34	A43	B15	B37	B41	B58	B8	B82	Bw6	A24	A2403	A1	A11	A1102	A2	A203	A23
class I	Other	1	no consensus																								
	PRA	2	100%																		50%						
	SAB	23	52%	38%	29%	19%	19%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	5%	5%	5%	5%	5%	5%	5%	5%

1394	method	#labs	DR12	DQ6	DR7	DR9	DR52	DQA1*01	DPw 4	DP13	DP14	DP19	DP20	DP23	DP28	DPw 1	DPw 2	DPw 3	DPw 6
class II	Other	no consensus																	
	PRA	2	50%	50%	50%	50%													
	SAB	22	100%	96%	100%	100%	92%	28%	12%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
1394	method	#labs	DQ1	DQ2	DQ4	DQ5	DR13	DR15	DR4	DR5	DP10	DP11	DP15	DP17	DP18	DP9	DPw 5	DQ3	
	SAB	22	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	

Other = HISTO SPOT HLA AB

Serum 1394. This sample was reported as negative for class I by PRA and 52% of SAB labs. The remaining SAB labs, reported weak class I reactivity, including anti-B76 (2022) and -B45 (630) reactivity. As consensus among SAB labs was $\leq 90\%$, this sample was not graded for class I.

For class II, labs reporting by all 3 methods reported anti-DR12 (5029) and -DQ6 (2324) reactivity. In addition, anti-DR7 (8953), -DR9 (4777), and -DR52 (5615) reactivity was reported by various methods.

*(median MFI by SAB)

1395	method	#labs	B44	B45	B82	B8201	A1	A23	A24	A2403	A36	B49	B50	B72	B62	B76	Cw15	Cw18	Cw2	Cw5	Cw6	Cw17	B56	B41	B60	B47	B52
class I	Other	1	no consensus																								
	PRA	2	50%	50%	50%		50%					50%	50%	50%										50%	50%	50%	
	SAB	23	100%	100%	100%	12%	100%	100%	96%	8%	100%	96%	92%	92%	92%	92%	100%	100%	100%	100%	92%	88%	88%	44%	32%	20%	84%
1395	method	#labs	B46	A3	A30	A31	A32	B71	A11	A1102	A1101	Cw4	A74	A80	B75	B63	B77	B35	B58	B55	B13	B53	B57	B51	Cw16	A68	B15
	SAB	23	80%	80%	80%	80%	76%	76%	68%	20%	4%	68%	64%	52%	52%	48%	44%	40%	40%	36%	32%	32%	28%	24%	24%	20%	20%
1395	method	#labs	B73	A43	B37	B48	B54	B61	Bw4	Cw14	Cw9	A2	A25	A26	A34	A69	B27	B2708	B2705	B38	B42	B59	B67	B7	B78	B8	B81
	SAB	23	20%	16%	16%	16%	16%	8%	16%	16%	16%	12%	12%	12%	12%	12%	12%	8%	4%	12%	12%	12%	12%	12%	12%	12%	12%
1395	method	#labs	Bw6	Cw1	Cw12	Cw403	Cw7	A203	A29	A33	A66	A6601	A6602	A9	B12	B18	B21	B22	B39	B40	B4005	B5	B70	Cw10	Cw8	A10	A19
	SAB	23	12%	12%	12%	12%	12%	8%	8%	8%	8%	4%	4%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%

1395	method	#labs	DR11	DR12	DR13	DR14	DR1403	DR1404	DR8	DR15	DR16	DR52	DR17	DR18	DQ4	DQ5	DQ6	DR7	DQA1*01	DQA1*05	DQA1*03	DQA1*04
class II	Other	1	no consensus																			
	PRA	2	50%		50%				50%	50%	50%	50%	50%	50%								
	SAB	22	96%	100%	96%	96%	16%	16%	96%	92%	92%	92%	92%	84%	56%	48%	48%	40%	36%	36%	12%	8%
1395	method	#labs	DQ2	DQ7	DR1	DR3	DR10	DR9	DP14	DP17	DP9	DPw 3	DPw 6	DQ1	DR103	DR4	DR5	DR51	DP10	DP11	DP13	DP15
	SAB	22	32%	20%	20%	16%	12%	12%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%

Other = HISTO SPOT HLA AB

Serum 1395. Strong anti-B44 (19646), -B45 (20801), -B82 (20071), and -A1 (14729) reactivity was detected in this sample by all 3 methods. In addition, HISTO SPOT and SAB labs reported reactivity to a number of 1C, 5C, and C-locus specificities, including anti-A23 (10669), -A24 (8585), -A36 (3381), -B49 (2551), -B50 (2424), -B72 (3024), -Cw2 (6521), and -Cw5 (5099) reactivity.

With respect to class II antibodies, anti-DR11 (5616), -DR12 (4006), -DR13 (6204), -DR14 (3791), -DR8 (4192), -DR15 (2296), -DR16 (2064), -DR52 (2519), -DR17 (4430), and DR18 (5046) reactivity was reported by various methods. Additional reactivity to a few DQ specificities was also reported by SAB labs.

*(median MFI by SAB)

1396	method	#labs	B44	B45	B82	B8201	B13	B41	B76	B49	B50	B60	B61	B47	B72	B38	B53	B62	B35	B71	B78	
class I	Other	1	no consensus																			
	PRA	2	50%	50%	50%		50%	50%		50%	50%	50%	50%	50%	50%							
	SAB	23	100%	100%	100%	15%	100%	100%	92%	100%	96%	92%	92%	88%	85%	77%	69%	69%	62%	62%	58%	
1396	method	#labs	B18	B48	B37	B51	B75	B77	Cw17	B39	B3901	B59	B15	B40	B52	Bw4	Bw6	B4005	B12	B16	B21	
	SAB	23	46%	46%	38%	38%	38%	38%	38%	35%	4%	31%	19%	19%	15%	15%	15%	12%	8%	8%	8%	
1396	method	#labs	B27	B2705	B2708	B64	B65	B70	B7801	A1	A11	A1102	A2	A203	A23	A24	A2403	A25	A26	A29	A3	
	SAB	23	8%	4%	4%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	
1396	method	#labs	DR11	DR13	DR8	DR17	DR18	DR52	DR12	DR14	DQ6	DR1403	DR1404	DR3	DQA1*01	DQ5	DQ7	DR5	DR6	DP10	DP11	DP13
class II	Other	1	no consensus																			
	PRA	2	50%	50%	50%	50%	50%	50%														
	SAB	22	100%	100%	100%	92%	88%	85%	100%	100%	46%	19%	19%	19%	12%	8%	8%	8%	8%	4%	4%	4%

Other = HISTO SPOT HLA AB

Serum 1396. Strong anti-B44 (13481), -B45 (14207), and -B82 (11594) reactivity was detected in this sample by all 3 methods. Additional reactivity to B13 (2192), B41 (2151), B76 (10599), B49 (2367), B50 (2508), B60 (1841), and B61 (1840) was also reported by various methods.

Anti-DR11 (6745), -DR13 (8491), -DR8 (4617), -DR17 (6806), -DR18 (6798), and -DR52 (1545) reactivity was detected by all 3 methods. In addition, HISTO SPOT and SAB labs reported reactivity to DR12 (2293) and DR14 (6262).

*(median MFI by SAB)

NEXT MAILING DATE: February 4, 2026

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

Table 1. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by Other - class I

Method: Other														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no consensus			no consensus			no consensus			no consensus			no consensus		

Table 2. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by PRA - class I

Method: Luminex - PRA														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A2	50%	100%	no consensus			NEG	100%	-	A1	50%	100%	B13	50%	100%
A23	50%	100%							A23	50%	100%	B41	50%	100%
A25	50%	100%							A24	50%	100%	B44	50%	100%
A68	50%	100%							A3	50%	100%	B45	50%	100%
A69	50%	100%							B44	50%	100%	B47	50%	100%
B13	50%	100%							B45	50%	100%	B49	50%	100%
B27	50%	100%							B62	50%	100%	B50	50%	100%
B37	50%	100%							B82	50%	100%	B60	50%	100%
B44	50%	100%										B61	50%	100%
B49	50%	100%										B72	50%	100%
B53	50%	100%										B82	50%	100%
B57	50%	100%												
B63	50%	100%												
Bw4	50%	100%												

Table 3. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by Single Antigen - class I

Method: Luminex - SAB														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
26 typing Labs			26 typing Labs			21 typing Labs			26 typing Labs			26 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A2	100%	100%	A1	100%	100%	NEG	52%	-	A1	100%	100%	B13	100%	100%
A23	100%	100%	A11	100%	100%	B76	38%	100%	A23	100%	100%	B41	100%	100%
A24	100%	100%	A2	100%	100%	B45	29%	100%	A36	100%	100%	B44	100%	100%
A25	100%	100%	A23	100%	100%	B44	19%	100%	B44	100%	100%	B45	100%	100%
A32	100%	100%	A24	100%	100%	B57	19%	100%	B45	100%	100%	B49	100%	100%
A68	100%	100%	A25	100%	100%	A25	10%	100%	B82	100%	100%	B82	100%	100%
A69	100%	100%	A3	100%	100%	A26	10%	100%	Cw15	100%	100%	B50	96%	100%
B13	100%	100%	A32	100%	100%	A29	10%	100%	Cw18	100%	100%	B60	92%	100%
B37	100%	100%	A36	100%	100%	A34	10%	100%	Cw2	100%	100%	B61	92%	100%
B38	100%	100%	A69	100%	100%	A43	10%	100%	Cw5	100%	100%	B76	92%	100%
B44	100%	100%	B37	100%	100%	B15	10%	100%	A24	96%	100%	B47	88%	100%
B49	100%	100%	B42	100%	100%	B37	10%	100%	B49	96%	100%	B72	85%	100%
B51	100%	100%	B44	100%	100%	B41	10%	100%	B50	92%	100%	B38	77%	100%
B52	100%	100%	B49	100%	100%	B58	10%	100%	B62	92%	100%	B53	69%	100%
B53	100%	100%	B51	100%	100%	B8	10%	100%	B72	92%	100%	B62	69%	100%
B57	100%	100%	B53	100%	100%	B82	10%	100%	B76	92%	100%	B35	62%	100%
B58	100%	100%	B54	100%	100%	Bw6	10%	100%	Cw6	92%	100%	B71	62%	100%
B59	100%	100%	B55	100%	100%	A1	5%	100%	B56	88%	100%	B78	58%	100%
B47	96%	100%	B56	100%	100%	A11	5%	100%	Cw17	88%	100%	B18	46%	100%
B77	96%	100%	B57	100%	100%	A1102	5%	100%	B52	84%	100%	B48	46%	100%
B63	92%	100%	B58	100%	100%	A2	5%	100%	A3	80%	100%	B37	38%	100%
B27	88%	100%	B59	100%	100%	A203	5%	100%	A30	80%	100%	B51	38%	100%
Bw4	46%	100%	B67	100%	100%	A23	5%	100%	A31	80%	100%	B75	38%	100%
A2403	42%	100%	B7	100%	100%	A24	5%	100%	B46	80%	100%	B77	38%	100%
B2705	42%	100%	B8	100%	100%	A2403	5%	100%	A32	76%	100%	Cw17	38%	100%
A203	35%	100%	B81	100%	100%	A3	5%	100%	B71	76%	100%	B39	35%	100%
B15	19%	100%	B82	100%	100%	A30	5%	100%	A11	68%	100%	B59	31%	100%
A80	12%	100%	Cw15	100%	100%	A31	5%	100%	Cw4	68%	100%	B15	19%	100%
B62	12%	100%	Cw18	100%	100%	A32	5%	100%	A74	64%	100%	B40	19%	100%
B76	12%	100%	Cw2	100%	100%	A33	5%	100%	A80	52%	100%	B52	15%	100%
A1	8%	100%	Cw6	100%	100%	A36	5%	100%	B75	52%	100%	B8201	15%	100%
A10	8%	100%	A80	96%	100%	A66	5%	100%	B63	48%	100%	Bw4	15%	100%
A11	8%	100%	B27	96%	100%	A6601	5%	100%	B41	44%	100%	Bw6	15%	100%

Table 3. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by Single Antigen - class I

Method: Luminex - SAB, cont.														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
26 typing Labs			26 typing Labs			26 typing Labs			26 typing Labs			26 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A19	8%	100%	B38	96%	100%	A6602	5%	100%	B77	44%	100%	B4005	12%	100%
A28	8%	100%	B47	96%	100%	A68	5%	100%	B35	40%	100%	B12	8%	100%
A2C	8%	100%	B52	96%	100%	A69	5%	100%	B58	40%	100%	B16	8%	100%
A3	8%	100%	B73	96%	100%	A74	5%	100%	B55	36%	100%	B21	8%	100%
A36	8%	100%	B76	96%	100%	A80	5%	100%	B13	32%	100%	B27	8%	100%
A43	8%	100%	Cw4	96%	100%	B13	5%	100%	B53	32%	100%	B64	8%	100%
A9	8%	100%	Cw5	96%	100%	B18	5%	100%	B60	32%	100%	B65	8%	100%
B12	8%	100%	A43	92%	100%	B2705	5%	100%	B57	28%	100%	B70	8%	100%
B16	8%	100%	B63	92%	100%	B2708	5%	100%	B51	24%	100%	B7801	8%	100%
B17	8%	100%	B77	92%	100%	B35	5%	100%	Cw16	24%	100%	A1	4%	100%
B21	8%	100%	B45	85%	100%	B38	5%	100%	A1102	20%	100%	A11	4%	100%
B42	8%	100%	Cw17	85%	100%	B39	5%	100%	A68	20%	100%	A1102	4%	100%
B45	8%	100%	B13	81%	100%	B42	5%	100%	B15	20%	100%	A2	4%	100%
B46	8%	100%	A26	73%	100%	B46	5%	100%	B47	20%	100%	A203	4%	100%
B5	8%	100%	A68	65%	100%	B47	5%	100%	B73	20%	100%	A23	4%	100%
B54	8%	100%	A66	54%	100%	B48	5%	100%	A43	16%	100%	A24	4%	100%
B55	8%	100%	A2403	42%	100%	B49	5%	100%	B37	16%	100%	A2403	4%	100%
B56	8%	100%	B2708	42%	100%	B50	5%	100%	B48	16%	100%	A25	4%	100%
B67	8%	100%	A6601	38%	100%	B51	5%	100%	B54	16%	100%	A26	4%	100%
B7	8%	100%	A203	35%	100%	B52	5%	100%	Bw4	16%	100%	A29	4%	100%
B73	8%	100%	Bw4	31%	100%	B53	5%	100%	Cw14	16%	100%	A3	4%	100%
B8	8%	100%	A1102	27%	100%	B54	5%	100%	Cw9	16%	100%	A30	4%	100%
B81	8%	100%	B2705	27%	100%	B55	5%	100%	A2	12%	100%	A31	4%	100%
B82	8%	100%	A1101	23%	100%	B56	5%	100%	A25	12%	100%	A32	4%	100%
Cw15	8%	100%	B8101	23%	100%	B59	5%	100%	A26	12%	100%	A33	4%	100%
Cw17	8%	100%	Cw14	23%	100%	B60	5%	100%	A34	12%	100%	A34	4%	100%
Cw18	8%	100%	Cw16	23%	100%	B61	5%	100%	A69	12%	100%	A36	4%	100%
Cw2	8%	100%	B15	19%	100%	B62	5%	100%	B27	12%	100%	A43	4%	100%
Cw4	8%	100%	B35	15%	100%	B63	5%	100%	B38	12%	100%	A6601	4%	100%
Cw5	8%	100%	B46	15%	100%	B64	5%	100%	B42	12%	100%	A6602	4%	100%
Cw6	8%	100%	B50	15%	100%	B65	5%	100%	B59	12%	100%	A68	4%	100%
Cw7	8%	100%	B62	15%	100%	B67	5%	100%	B67	12%	100%	A69	4%	100%
A1102	4%	100%	B703	15%	100%	B7	5%	100%	B7	12%	100%	A74	4%	100%

Table 4. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by Other - class II

Method: Other														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no consensus			no consensus			no consensus			no consensus			no consensus		

Table 5. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by PRA - class II

Method: Luminex-PRA														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ2	50%	100%	DQ2	50%	100%	DQ6	50%	100%	DR11	50%	100%	DR11	50%	100%
DQ4	50%	100%	DR1	50%	100%	DR12	50%	100%	DR13	50%	100%	DR13	50%	100%
DQ6	50%	100%	DR10	50%	100%	DR7	50%	100%	DR15	50%	100%	DR17	50%	100%
DQ7	50%	100%	DR103	50%	100%	DR9	50%	100%	DR16	50%	100%	DR18	50%	100%
DQ8	50%	100%	DR51	50%	100%				DR17	50%	100%	DR52	50%	100%
DQ9	50%	100%	DR7	50%	100%				DR18	50%	100%	DR8	50%	100%
DR12	50%	100%	DR9	50%	100%				DR52	50%	100%			
DR7	50%	100%							DR8	50%	100%			
DR9	50%	100%												

Table 6. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by Single Antigen - class II

Method: Luminex-SAB														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
26 typing Labs			26 typing Labs			26 typing Labs			26 typing Labs			26 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR12	100%	100%	DR1	96%	100%	DR12	100%	100%	DR12	100%	100%	DR11	100%	100%
DR7	100%	100%	DR10	96%	100%	DR7	100%	100%	DR11	96%	100%	DR12	100%	100%
DR9	100%	100%	DR7	96%	100%	DR9	100%	100%	DR13	96%	100%	DR13	100%	100%
DQ7	96%	100%	DR9	96%	100%	DQ6	96%	100%	DR14	96%	100%	DR14	100%	100%
DQ8	96%	100%	DR103	92%	100%	DR52	92%	100%	DR8	96%	100%	DR8	100%	100%
DQ9	96%	100%	DR51	92%	100%	DQA1*01	28%	100%	DR15	92%	100%	DR17	92%	100%
DQ6	92%	100%	DP17	85%	100%	DPw4	12%	100%	DR16	92%	100%	DR18	88%	100%
DR52	92%	100%	DP9	85%	100%	DP13	8%	100%	DR17	92%	100%	DR52	85%	100%
DQ4	77%	100%	DPw3	81%	100%	DP14	8%	100%	DR52	92%	100%	DQ6	46%	100%
DQ2	73%	100%	DPw6	81%	100%	DP19	8%	100%	DR18	84%	100%	DR1403	19%	100%
DQA1*02	42%	100%	DQ2	73%	100%	DP20	8%	100%	DQ4	56%	100%	DR1404	19%	100%
DQA1*03	31%	100%	DR12	65%	100%	DP23	8%	100%	DQ5	48%	100%	DR3	19%	100%
DQA1*04	27%	100%	DP14	62%	100%	DP28	8%	100%	DQ6	48%	100%	DQA1*01	12%	100%
DQA1*05	27%	100%	DP20	62%	100%	DPw1	8%	100%	DR7	40%	100%	DQ5	8%	100%
DQA1*06	27%	100%	DR52	62%	100%	DPw2	8%	100%	DQA1*01	36%	100%	DQ7	8%	100%
DQ3	23%	100%	DQA1*05	19%	100%	DPw3	8%	100%	DQA1*05	36%	100%	DR5	8%	100%
DQA1*01	23%	100%	DPw1	15%	100%	DPw6	8%	100%	DQ2	32%	100%	DR6	8%	100%
DQ1	8%	100%	DQ5	15%	100%	DQ1	8%	100%	DQ7	20%	100%	DP10	4%	100%
DQ5	8%	100%	DPA1*02	12%	100%	DQ2	8%	100%	DR1	20%	100%	DP11	4%	100%
DR5	8%	100%	DPA1*03	8%	100%	DQ4	8%	100%	DR1403	16%	100%	DP13	4%	100%
DP10	4%	100%	DQA1*04	8%	100%	DQ5	8%	100%	DR1404	16%	100%	DP14	4%	100%
DP11	4%	100%	DR15	8%	100%	DR13	8%	100%	DR3	16%	100%	DP15	4%	100%
DP13	4%	100%	DP10	4%	100%	DR15	8%	100%	DQA1*03	12%	100%	DP17	4%	100%
DP14	4%	100%	DP11	4%	100%	DR4	8%	100%	DR10	12%	100%	DP18	4%	100%
DP15	4%	100%	DP13	4%	100%	DR5	8%	100%	DR9	12%	100%	DP19	4%	100%
DP17	4%	100%	DP15	4%	100%	DP10	4%	100%	DP14	8%	100%	DP20	4%	100%
DP18	4%	100%	DP18	4%	100%	DP11	4%	100%	DP17	8%	100%	DP23	4%	100%
DP19	4%	100%	DP19	4%	100%	DP15	4%	100%	DP9	8%	100%	DP28	4%	100%
DP20	4%	100%	DP23	4%	100%	DP17	4%	100%	DPw3	8%	100%	DP9	4%	100%
DP23	4%	100%	DP28	4%	100%	DP18	4%	100%	DPw6	8%	100%	DPw1	4%	100%
DP28	4%	100%	DPA1*01	4%	100%	DP9	4%	100%	DQ1	8%	100%	DPw2	4%	100%
DP9	4%	100%	DPw2	4%	100%	DPw5	4%	100%	DQA1*04	8%	100%	DPw3	4%	100%
DPw1	4%	100%	DPw4	4%	100%	DQ3	4%	100%	DR103	8%	100%	DPw4	4%	100%

Table 6. Summary of the 597th Serum Exchange (Serum #1392 - 1396) by Single Antigen - class II

Method: Luminex-SAB, cont.														
*** Serum 1392 ***			*** Serum 1393 ***			*** Serum 1394 ***			*** Serum 1395 ***			*** Serum 1396 ***		
26 typing Labs			26 typing Labs			26 typing Labs			26 typing Labs			26 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DPw2	4%	100%	DPw5	4%	100%	DQ7	4%	100%	DR4	8%	100%	DPw5	4%	100%
DPw3	4%	100%	DQ1	4%	100%	DQ8	4%	100%	DR5	8%	100%	DPw6	4%	100%
DPw4	4%	100%	DQ4	4%	100%	DQ9	4%	100%	DR51	8%	100%	DQ1	4%	100%
DPw5	4%	100%	DQ6	4%	100%	DR1	4%	100%	DP10	4%	100%	DQ2	4%	100%
DPw6	4%	100%	DQ7	4%	100%	DR10	4%	100%	DP11	4%	100%	DQ4	4%	100%
DR1	4%	100%	DQ8	4%	100%	DR103	4%	100%	DP13	4%	100%	DQ8	4%	100%
DR10	4%	100%	DQ9	4%	100%	DR11	4%	100%	DP15	4%	100%	DQ9	4%	100%
DR103	4%	100%	DQA1*01	4%	100%	DR14	4%	100%	DP18	4%	100%	DR1	4%	100%
DR11	4%	100%	DR11	4%	100%	DR16	4%	100%	DP19	4%	100%	DR10	4%	100%
DR13	4%	100%	DR13	4%	100%	DR17	4%	100%	DP20	4%	100%	DR103	4%	100%
DR14	4%	100%	DR14	4%	100%	DR18	4%	100%	DP23	4%	100%	DR15	4%	100%
DR15	4%	100%	DR16	4%	100%	DR51	4%	100%	DP28	4%	100%	DR16	4%	100%
DR16	4%	100%	DR17	4%	100%	DR53	4%	100%	DPw1	4%	100%	DR4	4%	100%
DR17	4%	100%	DR18	4%	100%	DR8	4%	100%	DPw2	4%	100%	DR51	4%	100%
DR18	4%	100%	DR4	4%	100%				DPw4	4%	100%	DR53	4%	100%
DR4	4%	100%	DR5	4%	100%				DPw5	4%	100%	DR7	4%	100%
DR51	4%	100%	DR53	4%	100%				DQ3	4%	100%	DR9	4%	100%
DR53	4%	100%	DR8	4%	100%				DQ8	4%	100%			
DR8	4%	100%							DQ9	4%	100%			
									DR2	4%	100%			
									DR53	4%	100%			
									DR6	4%	100%			

Table 7. Individual laboratory results for Serum #1392 - 1396 by Other - class I

**** Serum 1392 ****												**** Serum 1393 ****												**** Serum 1394 ****									
Ctr	% POS	A2	A203	A23	A24	A2403	A25	A32	A68	A69	Other	% POS	A1	A11	A2	A203	A23	A24	A2403	A25	A26	Other	% POS	A2403	B15	B42	B44	Cw14	Cw18	Cw4	Other	Method	
1694		+	+	+	+	+	+	+	+	+	B63,B77,B38,B57 >		+	+	+	+	+	+	+	+	+	B2708,Cw15,B82,B7 >		+	+	+	+	+	+	+		HISTO SPOT HLA AB	

**** Serum 1395 ****												**** Serum 1396 ****											
Ctr	% POS	A1	A11	A23	A24	A3	A36	B44	B45	B50	Other	% POS	A11	A30	A34	B13	B15	B18	B27	B38	B39	Other	
1694		+	+	+	+	+	+	+	+	+	Cw15,Cw18,B82,B76 >		+	+	+	+	+	+	+	+	+	Cw15,B82,B75,B45 >	

Table 8. Individual laboratory results for Serum #1392 - 1396 by PRA - class I

**** Serum 1392 ****											**** Serum 1393 ****							**** Serum 1394 ****					
Ctr	% POS	A2	A23	A25	A68	A69	B13	B27	B37	Other	% POS						Other	% POS				Other	Method
2400	82										95							0					LMX-PRA
3753	76	+	+	+	+	+	+	+	+	B63,B57,BW4,B49 >	Undet							0					LMX-PRA

**** Serum 1395 ****											**** Serum 1396 ****										
Ctr	% POS	A1	A23	A24	A3	B44	B45	B62	B82	Other	% POS	B13	B41	B44	B45	B47	B49	B50	B60	Other	
2400	73										34										
3753	84	+	+	+	+	+	+	+	+		52	+	+	+	+	+	+	+	+	B82,B72,B61	

Table 9. Individual laboratory results for Serum #1392 by Single Antigen - class I

	**** Serum 1392 ****																												
Ctr	% POS	A2	A23	A24	A2403	A25	A32	A68	A69	B13	B37	B38	B44	B49	B51	B52	B53	B57	B58	B59	B47	B77	B63	B27	B2705	Bw4	A203	Other	Method
716	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
725		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
2400	90	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			LMX-SAB
3224	30	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			LMX-SAB
3753		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			LMX-SAB
3766	86	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
3808	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		LMX-SAB
3966	31	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	B15	LMX-SAB
5219	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2C,B12C,B5C,A19 >	LMX-SAB
5462		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	Aw4	LMX-SAB	
6649		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8058	31	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			B76,Cw7,B15	LMX-SAB	
8082		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		LMX-SAB
8100		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2C,B62	LMX-SAB	
8103	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	B15	LMX-SAB
8112		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			Cw15,Cw18,B82,B7 >	LMX-SAB	
8121	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	A19,A28,B12,B16 >	LMX-SAB
8125		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+					LMX-SAB
8128		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			B62	LMX-SAB	
8133		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	A80	LMX-SAB	
8134		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		LMX-SAB
8135	31	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	B2708,A1102,A6601,A6602 >	LMX-SAB
8138	26	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB

Table 10. Individual laboratory results for Serum #1393 by Single Antigen - class I

	**** Serum 1393 ****																																																													
Ctr	% POS	A1	A11	A1102	A1101	A2	A23	A24	A2403	A25	A3	A32	A36	A69	B37	B42	B44	B49	B51	B53	B54	B55	B56	B57	B58	B59	B67	B7	B8	B81	B8101	B82	Cw15	Cw18	Cw2	Cw6	A80	B27	B2708	B2705	B38	B47	B52	B73	B76	Cw4	Cw5	A43	B63	B77												
716	58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+											
725		+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								
2400	100	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
3224	58	+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
3753		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3808	58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
3966	60	+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
5219	54	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
5462		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
6649		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8058	75	+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8082		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8098		+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8100		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8103	58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8112		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8121	61	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8125		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8128		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8133		+	+			+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8134		+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																					

Table 10. Individual laboratory results for Serum #1393 by Single Antigen - class I, cont.

**** Serum 1393 ****													
Ctrl	B45	Cw17	B13	A26	A68	A66	A6601	A203	Bw4	Cw14	Cw16	Other	Method
716		+	+	+	+	+	+		+			B8201,Bw6	LMX-SAB
725	+	+	+	+	+	+							LMX-SAB
2400		+		+									LMX-SAB
3224	+		+	+			+		+	+		A*68:02	LMX-SAB
3753	+	+	+										LMX-SAB
3766	+	+	+	+	+	+	+	+				B8201,B46	LMX-SAB
3808	+	+	+	+	+	+	+	+				B703,Cw403	LMX-SAB
3966	+	+	+	+	+	+							LMX-SAB
4322	+	+	+	+				+	+			B8201,B15	LMX-SAB
5219	+	+		+	+	+	+	+	+			A2C,B12C,B5C,B8C >	LMX-SAB
5462	+	+	+	+	+		+		+			A*68:02,Aw4	LMX-SAB
6649	+	+	+										LMX-SAB
8058	+	+	+	+	+	+				+	+	B75,A34,A29,A33 >	LMX-SAB
8082	+	+	+	+	+	+	+			+		B35,B72,B50	LMX-SAB
8098	+	+	+	+	+	+		+	+			Cw403	LMX-SAB
8100		+									+	A1C,B62	LMX-SAB
8103	+		+			+	+	+		+		B8201,B15	LMX-SAB
8112	+	+	+		+								LMX-SAB
8121	+	+	+	+	+	+		+	+			B75,B703,B22,A19 >	LMX-SAB
8125											+		LMX-SAB
8128	+	+	+	+	+		+				+	B62	LMX-SAB
8133	+	+	+	+	+	+			+	+		B75,A34,A29,B35 >	LMX-SAB
8134	+	+		+	+	+		+				B703	LMX-SAB
8135	+	+	+	+	+	+							LMX-SAB
8137	+	+	+	+	+		+	+		+	+	A6602,B75,A34,A29 >	LMX-SAB
8138	+		+								+		LMX-SAB

Table 11. Individual laboratory results for Serum #1394 by Single Antigen - class I

**** Serum 1394 ****							
Ctr	% POS	B76	B45	B44	B57	Other	Method
716	1	+				Bw6	LMX-SAB
725	NT						LMX-SAB
2400	0						LMX-SAB
3224	0						LMX-SAB
3753	0						LMX-SAB
3766	0						LMX-SAB
3808	0						LMX-SAB
3966	0						LMX-SAB
4322			+	+	+	B15	LMX-SAB
5219	0						LMX-SAB
5462	0						LMX-SAB
6649		+	+				LMX-SAB
8058	2		+		+	B15	LMX-SAB
8082		+	+	+			LMX-SAB
8098	NT						LMX-SAB
8100	NT						LMX-SAB
8103	0						LMX-SAB
8112		+					LMX-SAB
8121	0						LMX-SAB
8125	NT						LMX-SAB
8128	0						LMX-SAB
8133		+	+	+	+	B82,A25,A26,A34 >	LMX-SAB
8134	NT						LMX-SAB
8135	1	+					LMX-SAB
8137		+	+	+	+	B2708,A1102,A6601,A6602 >	LMX-SAB
8138	1	+					LMX-SAB

Table 12. Individual laboratory results for Serum #1395 by Single Antigen - class I

[illegible]

Table 12. Individual laboratory results for Serum #1395 by Single Antigen - class I, cont.

**** Serum 1395 ****						
Ctr	A68	B15	B47	B73	Other	Method
716					B8201,Bw4,Bw6	LMX-SAB
725						LMX-SAB
2400						LMX-SAB
3224					Cw14,A*24:02	LMX-SAB
3753						LMX-SAB
3766					B8201	LMX-SAB
3808					Cw403	LMX-SAB
3966						LMX-SAB
4322	+				B8201,Bw4,B40	LMX-SAB
5219	+				B5C,B22,B12,A9 >	LMX-SAB
5462					A*24:02	LMX-SAB
6649						LMX-SAB
8058	+	+	+	+	B7,B54,B67,A25 >	LMX-SAB
8082						LMX-SAB
8098					Cw403	LMX-SAB
8100						LMX-SAB
8103	+				A1101,Cw14	LMX-SAB
8112						LMX-SAB
8121	+	+	+	+	B2708,B7,B703,B22 >	LMX-SAB
8125						LMX-SAB
8128	+		+		B4005,Cw1,Cw9,B48	LMX-SAB
8133	+		+	+	B54,A34,A43,B37 >	LMX-SAB
8134						LMX-SAB
8135						LMX-SAB
8137	+		+	+	B2708,A6601,A6602,B2705 >	LMX-SAB
8138				+	B4005,B48	LMX-SAB

Table 13. Individual laboratory results for Serum #1396 by Single Antigen - class I

	**** Serum 1396 ****																														
Ctr	% POS	B13	B41	B44	B45	B49	B82	B50	B60	B61	B76	B47	B72	B38	B63	B62	B35	B71	B78	B18	B48	B37	B51	B75	B77	Cw17	B39	B59	Other	Method	
716	14	+	+	+	+	+	+	+	+	+	+	+	+																B8201,Bw4,Bw6	LMX-SAB	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+							+				LMX-SAB	
2400	15	+	+	+	+	+	+	+	+	+	+																			LMX-SAB	
3224	18	+	+	+	+	+	+	+	+	+	+	+	+			+	+													LMX-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+	+																	LMX-SAB	
3766	42	+	+	+	+	+	+	+	+	+	+																		B8201	LMX-SAB	
3808	16	+	+	+	+	+	+	+	+	+	+	+	+					+									+			LMX-SAB	
3966	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+						LMX-SAB	
4322		+	+	+	+	+	+	+				+		+	+		+		+	+	+	+	+					+	+	B7801,B8201,B3901,Bw4 >	LMX-SAB
5219	13	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+	+			B7801,B12C,B5C,B12 >	LMX-SAB	
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+									LMX-SAB	
6649		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+				+		LMX-SAB	
8058	25	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+	+		+	+	B14,B65,B40,B15 >	LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+		+	+				LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+											B4005	LMX-SAB	
8103	19	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+												B8201,B40,B15	LMX-SAB	
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						LMX-SAB	
8121	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+		+	B12,B16,Bw4,Bw6 >	LMX-SAB
8125		+	+	+	+	+	+				+																			LMX-SAB	
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B4005	LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B64,Bw4,Bw6,B27 >	LMX-SAB
8134		+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+						+	+				LMX-SAB	
8135	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	LMX-SAB	
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B2708,A1102,A6601,A6602 >	LMX-SAB
8138	21	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+			+	+					+		B4005	LMX-SAB	

Table 14. Individual laboratory results for Serum #1392 - 1396 by Other - class II

**** Serum 1392 ****												**** Serum 1393 ****												**** Serum 1394 ****						
Ctr	% POS	DQ2	DQ4	DQ6	DQ7	DQ8	DQ9	DQA1*01	DQA1*02	DQA1*03	Other	% POS	DP14	DP17	DP19	DP20	DP9	DPA1*03	DPw2	DPw3	DPw4	Other	% POS	DPA1*01	DPw2	DQ6	DQA1*01	DQA1*06	DR12	Other
1694		+	+	+	+	+	+	+	+	+	DR7,DR9,DR12,DR13 >		+	+	+	+	+	+	+	+	+	DR1,DR7,DR9,DR10 >		+	+	+	+	+	+	

**** Serum 1395 ****												**** Serum 1396 ****													
Ctr	% POS	DP14	DP17	DPw3	DQ4	DR1	DR10	DR103	DR11	DR12	Other	% POS	DP14	DP17	DPw3	DQ4	DR1	DR10	DR103	DR11	DR12	Other	Method		
1694		+	+	+	+	+	+	+	+	+	DR8,DR13,DR14,DR1404 >		+	+	+	+	+	+	+	+	+	DR8,DR13,DR14,DR1404 >	HISTO SPOT HLA AB		

Table 15. Individual laboratory results for Serum #1392 - 1396 by PRA - class II

**** Serum 1392 ****									**** Serum 1393 ****						**** Serum 1394 ****						
Ctr	% POS	DQ2	DQ4	DQ6	DQ7	DQ8	DQ9	Other	% POS	DQ2	DR1	DR10	DR103	Other	% POS	DQ6	DR12	DR7	DR9	Other	Method
2400	80								60						69						LMX-PRA
3753	87	+	+	+	+	+	+	DR7,DR9,DR12	97	+	+	+	+	DR7,DR9,DR51	63	+	+	+	+		LMX-PRA

**** Serum 1395 ****								**** Serum 1396 ****					
Ctr	% POS	DR11	DR13	DR15	DR16	DR17	Other	% POS	DR11	DR13	DR17	DR18	Other
2400	86							71					
3753	77	+	+	+	+	+	DR8,DR18,DR52	70	+	+	+	+	DR8,DR52

Table 16. Individual laboratory results for Serum #1392 by Single Antigen - class II

	**** Serum 1392 ****																			
Ctr	% POS	DR12	DR7	DR9	DQ7	DQ8	DQ9	DQ6	DR52	DQ4	DQ2	DQA1*02	DQA1*03	DQA1*04	DQA1*05	DQA1*06	DQ3	DQA1*01	Other	Method
716	33	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ1	LMX-SAB
725		+	+	+	+	+	+	+		+		+	+	+		+				LMX-SAB
2400	91	+	+	+	+	+	+		+											LMX-SAB
3224	33	+	+	+	+	+	+	+		+	+	+	+	+	+	+			DRB3*03:01,DRB3*01:01	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+								DRB3*01, DRB3*03	LMX-SAB
3766	91	+	+	+	+	+	+	+	+	+	+	+			+					LMX-SAB
3808	22	+	+	+	+	+	+	+	+			+								LMX-SAB
3966	35	+	+	+	+	+	+	+	+	+	+	+	+	+				+		LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
5219	22	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR5,DQ1	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+								DRB3*03:01,DRB3*01:01	LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+									LMX-SAB
8058	35	+	+	+				+		+	+						+			LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	DQ5	LMX-SAB
8098		+	+	+	+	+	+	+	+			+								LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+									LMX-SAB
8103	24	+	+	+	+	+	+	+	+				+		+	+	+	+		LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+									LMX-SAB
8121	17	+	+	+	+	+	+		+								+		DR5	LMX-SAB
8125		+	+	+	+	+	+	+	+		+									LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+									LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+									LMX-SAB
8134		+	+	+	+	+	+	+	+			+								LMX-SAB
8135	35	+	+	+	+	+	+	+	+	+	+									LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+								DR1,DR4,DR8,DR10 >	LMX-SAB
8138	29	+	+	+	+	+	+	+	+	+	+									LMX-SAB

Table 17. Individual laboratory results for Serum #1393 by Single Antigen - class II

**** Serum 1393 ****																			
Ctr	% POS	DR1	DR10	DR7	DR9	DR103	DR51	DP17	DP9	DPw3	DPw6	DQ2	DR12	DP14	DP20	DR52	DQA1*05	Other	Method
716	15	+	+	+	+	+	+	+	+	+	+	+					+	DPw1,DPA1*01,DPA1*02	LMX-SAB
725		+	+	+	+	+	+	+	+	+	+	+	+	+		+		DQ5,DQA1*01	LMX-SAB
2400	64	+	+	+	+	+	+												LMX-SAB
3224	23	+	+	+	+	+	+	+	+	+	+	+	+		+			DRB3*03:01,DRB3*01:01	LMX-SAB
3753		+	+	+	+	+	+					+							LMX-SAB
3766	77	+	+	+	+	+	+	+	+	+	+		+		+	+	+	DPw1	LMX-SAB
3808	10	+	+	+	+	+	+	+	+										LMX-SAB
3966	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*02,DPA1*03,DQA1*04	LMX-SAB
5219	8	+	+	+	+	+	+	+	+									DPA1*02	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DRB3*03:01,DRB3*01:01	LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8058	28	+	+	+	+			+	+	+	+	+	+	+	+				LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	DPA1*03,DQA1*04	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+			+					LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8103	0																		LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8121	24	+	+	+	+	+	+	+	+	+	+	+	+	+		+		DR5,DQ1,DQ5	LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+		+	+				LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DQ5,DR15,DPw1	LMX-SAB
8134		+	+	+	+	+				+	+					+			LMX-SAB
8135	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DR4,DR8,DR11,DR13 >	LMX-SAB
8138	22	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB

Table 18. Individual laboratory results for Serum #1394 by Single Antigen - class II

	**** Serum 1394 ****								
Ctr	% POS	DR12	DR7	DR9	DQ6	DR52	DQA1*01	Other	Method
716	13	+	+	+	+	+	+		LMX-SAB
725		+	+	+	+	+	+		LMX-SAB
2400	89	+	+	+	+	+			LMX-SAB
3224	12	+	+	+	+			DRB3*03:01,DRB3*01:01	LMX-SAB
3753		+	+	+	+	+		DRB3*01, DRB3*03	LMX-SAB
3766	62	+	+	+	+	+	+		LMX-SAB
3808	8	+	+	+	+	+			LMX-SAB
3966	13	+	+	+	+	+	+		LMX-SAB
4322		+	+	+	+	+	+		LMX-SAB
5219	8	+	+	+	+	+	+	DR5,DQ1	LMX-SAB
5462		+	+	+	+	+		DRB1*09:01,DRB3*03:01,DRB3*01:01	LMX-SAB
6649		+	+	+	+	+			LMX-SAB
8058	17	+	+	+	+			DR4,DR13,DQ2,DQ3 >	LMX-SAB
8082		+	+	+	+	+	+		LMX-SAB
8098		+	+	+	+	+			LMX-SAB
8100	NT								LMX-SAB
8103	6	+	+	+		+			LMX-SAB
8112		+	+	+	+	+			LMX-SAB
8121	13	+	+	+	+	+		DR5,DQ1,DQ5,DPw4	LMX-SAB
8125		+	+	+	+	+			LMX-SAB
8128		+	+	+	+	+			LMX-SAB
8133		+	+	+	+	+			LMX-SAB
8134		+	+	+	+	+			LMX-SAB
8135	14	+	+	+	+	+			LMX-SAB
8137		+	+	+	+	+		DR1,DR4,DR8,DR10 >	LMX-SAB
8138	11	+	+	+	+	+			LMX-SAB

Table 19. Individual laboratory results for Serum #1395 by Single Antigen - class II

**** Serum 1395 ****																							
Ctr	% POS	DR12	DR11	DR13	DR14	DR8	DR15	DR16	DR17	DR52	DR18	DQ4	DQ5	DQ6	DR7	DQA1*01	DQA1*05	DQ2	DQ7	DR1	Other	Method	
716	23	+	+	+	+	+	+	+	+	+	+	+				+	+	+			DQA1*03	LMX-SAB	
725		+	+	+	+	+	+	+	+	+	+		+	+	+	+							LMX-SAB
2400	83	+	+	+	+	+	+	+	+	+	+												LMX-SAB
3224	25	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+				DRB3*03:01, DRB3*01:01	LMX-SAB	
3753		+	+	+	+	+	+	+	+	+	+										DRB3*01, DRB3*03	LMX-SAB	
3766	79	+	+	+	+	+	+	+	+	+	+												LMX-SAB
3808	26	+	+	+	+	+	+	+	+	+	+										DR1403,DR1404	LMX-SAB	
3966	27	+	+	+	+	+	+	+	+	+	+	+					+		+				LMX-SAB
4322		+	+	+	+	+	+	+		+		+	+	+			+	+		+		DR3,DQ3,DQA1*03,DQA1*04	LMX-SAB
5219	27	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+				DR2,DR3,DR5,DR6 >	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+			+	+				DRB3*03:01,DRB3*01:01	LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+	+							+				LMX-SAB
8058	38	+	+	+	+	+	+	+	+						+				+	+	DR3,DR4,DR9,DR10	LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+			+	+				DQA1*03,DQA1*04	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+		+				+					DR1403,DR1404	LMX-SAB
8100	NT																						LMX-SAB
8103	16	+	+	+	+	+			+	+								+				DR3	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+		+	+				+				LMX-SAB
8121	26	+								+			+	+	+				+		+	DR5,DR9,DR10,DQ1 >	LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+												LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+			+	+	+				+		LMX-SAB
8133		+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	+		LMX-SAB
8134		+	+	+	+	+	+	+	+	+	+		+	+		+						DR1403,DR1404	LMX-SAB
8135	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+			LMX-SAB
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	+	DR4,DR9,DR10,DR103 >	LMX-SAB
8138	30	+	+	+	+	+	+	+	+	+	+	+											LMX-SAB

Table 20. Individual laboratory results for Serum #1396 by Single Antigen - class II

**** Serum 1396 ****															
Ctr	% POS	DR11	DR12	DR13	DR14	DR8	DR17	DR18	DR52	DQ6	DR1403	DR1404	DR3	Other	Method
716	16	+	+	+	+	+	+	+	+	+				DQA1*01	LMX-SAB
725		+	+	+	+	+	+	+	+						LMX-SAB
2400	69	+	+	+	+	+	+	+	+						LMX-SAB
3224	15	+	+	+	+	+	+	+						DRB3*03:01, DRB3*01:01	LMX-SAB
3753		+	+	+	+	+	+	+	+					DRB3*01, DRB3*03	LMX-SAB
3766	67	+	+	+	+	+	+	+	+						LMX-SAB
3808	19	+	+	+	+	+	+	+	+		+	+			LMX-SAB
3966	17	+	+	+	+	+	+	+	+	+					LMX-SAB
4322		+	+	+	+	+			+	+			+	DQA1*01	LMX-SAB
5219	19	+	+	+	+	+	+	+	+		+	+	+	DR5,DR6	LMX-SAB
5462		+	+	+	+	+	+	+	+	+				DQB1*06:03	LMX-SAB
6649		+	+	+	+	+	+	+	+	+					LMX-SAB
8058		+	+	+	+	+				+			+		LMX-SAB
8082		+	+	+	+	+	+	+	+					DQA1*01	LMX-SAB
8098		+	+	+	+	+	+	+	+		+	+			LMX-SAB
8100		+	+	+	+	+	+	+	+						LMX-SAB
8103	13	+	+	+	+	+	+			+			+		LMX-SAB
8112		+	+	+	+	+	+	+	+	+					LMX-SAB
8121	20	+	+	+	+	+	+	+	+		+	+	+	DR5,DR6,DQ1,DQ5	LMX-SAB
8125		+	+	+	+	+	+	+							LMX-SAB
8128		+	+	+	+	+	+	+	+	+					LMX-SAB
8133		+	+	+	+	+	+	+	+	+					LMX-SAB
8134		+	+	+	+	+	+	+	+		+	+		DQ7	LMX-SAB
8135	16	+	+	+	+	+	+	+	+	+					LMX-SAB
8137		+	+	+	+	+	+	+	+	+				DR1,DR4,DR7,DR9 >	LMX-SAB
8138	19	+	+	+	+	+	+	+	+						LMX-SAB