

Report of the 596th Serum Exchange JULY 30, 2025

Sera	1387 - 1391
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The results for **Serum Exchange 596 (sera 1387 - 1391)**, are summarized in Tables 1 – 7 and individual laboratory results by method are listed in

Tables 8 - 20.

1387	method	#labs	B57	B58	A2	A203	B63	A11	A1101	A1102	A25	A24	A2403	Cw 17	A66	A6601	Cw 18	
class I	Other	1	no consensus															
	C1q	1	no consensus															
	PRA	3	67%	67%	67%	33%	67%	67%	33%	33%	67%	33%	33%	33%	33%	33%	33%	
	SAB	23	100%	100%	100%	35%	96%	91%	17%	17%	87%	9%	9%	78%	74%	22%	74%	
1387	method	#labs	A26	A43	Cw 6	Cw 5	B55	Cw 2	B56	B7	B15	Bw 4	B42	B54	B2705	Cw 15	Cw 4	Cw 7
	PRA	3	33%	33%	33%	33%	33%	33%	33%	33%			33%	33%	33%	33%	33%	33%
	SAB	23	65%	65%	52%	35%	30%	22%	17%	13%	13%	13%	9%	9%	4%	4%	4%	4%

1387	method	#labs	DQ7	DQ8	DQ9	DQ3	DR15	DR16	DR51	DR1	DR103	DR10	DR9	DR53	DR7	DQA1*03	DQA1*06	DQA1*05	DR2
class II	Other	1	no consensus																
	PRA	3	67%	67%	67%		67%	67%	67%	67%	67%	67%	67%	33%	33%				
	SAB	22	95%	95%	95%	14%	100%	100%	95%	91%	82%	91%	95%	45%	14%	14%	14%	14%	5%

Other = HISTO SPOT HLA AB

Serum 1387. Strong anti-B57 (24089) and -B58 (19638) reactivity was detected in this sample by all methods. In addition, anti-A2 (13945), -B63 (3017), and -A11 (2497) reactivity was reported by SAB, PRA, and one lab reporting by HISTO SPOT HLA AB. Each was reported by > 90% of SAB labs. Additional reactivity to a number of 1C and 10C specificities was also reported.

Strong class II reactivity was also detected in this sample. SAB, PRA, and

HISTO SPOT labs reported reactivity to a number of DR and DQ specificities, including DQ7 (21710), DQ8 (19721), DQ9 (21240), DR15 (14730), DR16 (12638), DR51 (13577), DR1 (3601), DR10 (3308), and DR9 (2890). Each was reported by > 90% SAB labs. Strong DQA1*03 (22774) and DQA1*06 (24478) reactivity was also reported by SAB and HISTO SPOT.

*(median MFI by SAB)

1388	method	#labs	B8	B59	A68	A69	A24	B13	B46	B81	Bw 6	Cw 10	Cw 9	A 1	A23	A2403	A29	B22	B55	B67	Cw 3
class I	Other	1	NT																		
	C1q	1	NT																		
	PRA	3	67%	33%	33%	33%	33%	33%	33%	33%		33%	33%	33%	33%	33%	33%		33%	33%	
	SAB	23	96%	57%	43%	13%	9%	9%	9%	9%	9%	9%	9%	4%	4%	4%	4%	4%	4%	4%	4%

1388	method	#labs	DR11	DR13	DR14	DR17	DR18	DPw 4	DP402	DP18	DP28	DPw 2	DPw 6	DPw 3	DP9	DP10	DP17
class II	Other	1	NT														
	PRA	3	67%	67%	33%	67%	67%		33%	33%	33%	33%	33%	33%	33%	33%	33%
	SAB	22	100%	100%	100%	100%	91%	70%	27%	100%	100%	95%	91%	86%	82%	77%	77%

1388	method	#labs	DP14	DP20	DR1	DR10	DP15	DPA1*01	DP105	DPA1*04	DR12	DR1403	DPA1*02	DR3	DR4	DR52	DR7
	PRA	3	33%	33%	33%	33%	33%								33%	33%	33%
	SAB	22	73%	64%	55%	27%	23%	23%	18%	18%	18%	18%	14%	14%	9%	9%	9%

1388	method	#labs	DQ3	DQ5	DR103	DR15	DR16	DR9	DP19	DP23	DP107	DP26	DP30	DP40	DP85	DR5	DR6
	PRA	3	33%	33%	33%	33%	33%	33%	33%	33%							
	SAB	22	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%

Other = HISTO SPOT HLA AB

Serum 1388. Weak class I reactivity was detected in this sample, with PRA and 96% of SAB labs reporting anti-B8 (3442) reactivity. Additional weak reactivity to B59 (1467), A68 (2296), and A69 (1220) was also reported by some labs.

Reactivity to a number of DR and DP specificities was also reported by

SAB and PRA, including anti-DR11 (16401), -DR13 (7814), -DR14 (6382), -DR17 (5387), -DR18 (6458), -DP18 (9351), -DP28 (8622), -DP2 (9165), and -DP6 (2151) reactivity. Each was reported by > 90% of SAB labs. In addition, labs reported anti-DP4 (DP402) (8924) reactivity.

*(median MFI by SAB)

1389	method	#labs	B63	B57	B58	B54	B55	B56	B67	B7	B81	B8101	B82	B27	B2705	B2708	B42	A1	A3	A25	A26	A34	A36	A43	A80			
class I	Other	1	no consensus																									
	C1q	1	no consensus																									
	PRA	3	67%	67%	67%	67%	67%	67%	67%	67%	67%		33%		33%	33%	67%	67%	67%	67%	33%	33%	33%	33%	33%			
	SAB	23	100%	100%	100%	100%	100%	100%	100%	100%	100%	17%	100%	100%	22%	39%	100%	100%	100%	100%	100%	100%	100%	100%	100%			
1389	method	#labs	A11	A1101	A1102	B44	B73	A66	A6601	A6602	B13	B49	B59	B76	Cw 6	Cw 18	A29	A30	A32	B75	B77	B62	A31	B53	B38			
	PRA	3	33%	33%	33%	67%	33%		33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%			
	SAB	23	100%	22%	22%	100%	100%	87%	30%	4%	87%	87%	83%	83%	78%	74%	70%	70%	70%	65%	65%	61%	48%	48%	43%			
1389	method	#labs	B46	B15	B8201	Cw 7	Cw 17	B37	B52	B51	B12	Bw 4	Bw 6	Cw 15	Cw 2	A74	A10	A10C	B16	B17	B22	B703						
	PRA	3	33%			33%	33%	33%	33%	33%				33%	33%	33%												
	SAB	23	35%	13%	13%	17%	13%	9%	9%	4%	9%	9%	9%	9%	9%	4%	4%	4%	4%	4%	4%	4%						

1389	method	#labs	DR4	DR7	DR9	DR12	DR53	DP18	DP15	DP28	DPw 2	DPw 4	DP401	DP402	DR14	DR1404	DQ2	DPw 1	DPw 6	DP23
class II	Other	1	no consensus																	
	PRA	3	67%	67%	33%	33%	67%	33%	33%	33%	33%		33%	33%	33%	33%	67%	33%	33%	33%
	SAB	22	100%	100%	100%	100%	95%	100%	95%	95%	95%	91%	14%	14%	82%	9%	68%	68%	68%	68%
1389	method	#labs	DQA1*02	DPw 3	DP20	DP19	DP13	DR1	DR103	DR10	DR52	DPA1*01	DPA1*04	DP11	DPA1*03	DQ4	DQ9	DQ8	DQ7	
	PRA	3		33%	33%	33%	33%	33%	33%	33%	33%			33%		33%	33%	33%	33%	
	SAB	22	68%	59%	50%	45%	23%	55%	55%	50%	45%	59%	27%	46%	41%	41%	36%	32%	18%	
1389	method	#labs	DQA1*05	DP105	DP40	DPw 5	DP31	DP85	DQA1*03	DR15	DR51	DR8	DP26	DQ3	DP14	DQ6	DR13	DR16	DQ1	
	PRA	3				33%				33%	33%	33%			33%	33%	33%	33%		
	SAB	22	23%	23%	18%	14%	14%	14%	14%	9%	9%	9%	9%	9%	5%	5%	5%	5%	5%	

Other = HISTO SPOT HLA AB

Serum 1389. Strong class I reactivity was reported in this sample, with C1q, HISTO SPOT, PRA, and SAB each reporting reactivity to B63 (22291), B57 (22996), B58 (21391), B54 (18449), B55 (21073), B56 (20169), B67 (18705), B7 (14535), B81 (14940), B82 (18518), B27 (15734), and B42 (17427). Allele specific B*27:05 (14048) and B*27:08 (11504) reactivity was also reported by all methods. In addition, reactivity to a number of 1C and 10C specificities

was reported by various methods.

Class II reactivity was also detected in this sample. HISTO SPOT, PRA, and SAB labs each reported positivity to a number of DP and DR specificities, including anti-DR4 (9206), -DR7 (18020), -DR9 (11173), -DR12 (2668), -DR53 (14578), -DP18 (4614), -DP15 (2878), -DP28 (5690), -DP2 (2619), and -DP4 (6311) reactivity.

*(median MFI by SAB)

1390	method	#labs	B44	B45	B76	B82	A1	A23	A24	B49	B50	B72	B52	B56	Cw 15	Cw 17	Cw 18	Cw 2	Cw 5	Cw 6
class I	Other	1	no consensus																	
	C1q	1	no consensus																	
	PRA	3	67%	67%	33%	67%	67%	67%	67%	67%	67%	67%	67%	67%	33%	33%	33%	33%	33%	33%
	SAB	23	100%	100%	100%	100%	96%	100%	91%	100%	100%	100%	87%	96%	100%	100%	100%	100%	100%	96%
1390	method	#labs	B62	B71	B46	B75	Cw 4	A80	B41	B63	B35	B77	B55	B58	B60	B53	A43	B4005	B48	Cw 16
	PRA	3	67%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%		33%	33%
	SAB	23	96%	91%	83%	70%	52%	48%	48%	48%	39%	39%	30%	26%	26%	22%	17%	17%	17%	17%
1390	method	#labs	B57	B15	Bw 4	Bw 6	B13	B40	B8201	A1C	A68	B37	B47	B51	B54	B7	B78	B7801	Cw 9	
	PRA	3	33%				33%				33%	33%	33%	33%	33%	33%	33%		33%	
	SAB	23	13%	13%	13%	13%	9%	9%	9%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	

1390	method	#labs	DR11	DR12	DR13	DR14	DR17	DR15	DR16	DR8	DR18	DR52	DQ4	DQ5	DQ6		
class II	Other	1	no consensus														
	PRA	3	67%	67%	67%	67%	67%	33%	67%	67%	67%	33%	67%	67%	67%		
	SAB	22	100%	100%	100%	100%	100%	95%	95%	95%	91%	91%	64%	50%	45%		
1390	method	#labs	DQA1*05	DQA1*01	DR1403	DR1404	DQ3	DR3	DR7	DR1	DP14	DQ7	DQ2	DQ1	DR2	DR5	DR6
	PRA	3							33%	33%	33%	33%					
	SAB	22	23%	18%	18%	18%	14%	14%	14%	9%	5%	5%	9%	5%	5%	5%	5%

Other = HISTO SPOT HLA AB

Serum 1390. Strong anti-B44 (21764), -B45 (22183), -B76 (22819), -B82 (21508), and -A1 (18140) reactivity was reported in this sample by all methods. In addition, HISTO SPOT, PRA, and SAB labs reported reactivity to A23 (12749), A24 (9356), as well as reactivity to a number of 5C, 7C, and C-locus specificities. Anti-Bw4 (26337) reactivity was also reported by a few SAB labs.

SAB, PRA, and HISTOSPOT each reported reactivity to a number of DR specificities, including DR11 (6395), DR12 (4374), DR13 (7053), DR14 (3867), DR17 (4656), DR15 (2698), DR16 (2411), DR8 (4444), DR18 (5260), and DR52 (2884). Each was reported by > 90% of SAB labs. A few (n = 4) SAB labs also reported allele specific DRB3*01:01 and DRB3*03:01 reactivity.

*(median MFI by SAB)

1391	method	#labs	B7	B703	B42	B54	B55	B56	B67	B81	B8101	B8201	B82	B27	B2708	B2705	B73	A2	A203	Bw 6	Bw 4	B76	B8	Cw 1
class I	Other	1	no consensus																					
	C1q	1	no consensus																					
	PRA	3	67%		67%	67%	67%	67%	67%	67%			67%		33%	33%	33%	33%	33%			33%	33%	33%
	SAB	23	96%	22%	100%	100%	100%	100%	100%	100%	13%	13%	100%	96%	35%	17%	48%	35%	17%	13%	9%	4%	4%	4%

1391	method	#labs	NEG	DQ6
class II	Other	1	NT	
	PRA	3	67%	33%
	SAB	22	94%	6%

Other = HISTO SPOT HLA AB

Serum 1391. Strong anti-B7 (13838) reactivity was detected in this sample by C1q, HISTO SPOT, PRA, and SAB labs. Additional reactivity to a number of 7C specificities was also reported by various methods, including anti-B42 (11227), -B54 (3879), -B55 (8528), -B56 (7163), -B67 (10044), -B81 (6981), -

B82 (5926), and -B27 (5113) reactivity. Each was reported by > 90% of SAB labs. Allele specific B*27:08 (3574) reactivity was reported by HISTO SPOT and SAB labs. This sample was reported as negative for class II.

*(median MFI by SAB)

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Table 1. Summary of the 596th Serum Exchange (Serum #1387 - 1391) by Other - class I

Method: Other														
*** Serum 1387 ***			*** Serum 1388 ***			*** Serum 1389 ***			*** Serum 1390 ***			*** Serum 1391 ***		
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			NT			no consensus			no consensus			no consensus		

Table 2. Summary of the 596th Serum Exchange (Serum #1387 - 1391) by C1q - class I

Method: C1q - Other														
*** Serum 1387 ***			*** Serum 1388 ***			*** Serum 1389 ***			*** Serum 1390 ***			*** Serum 1391 ***		
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			NT			no consensus			no consensus			no consensus		

Table 3. Summary of the 596th Serum Exchange (Serum #1387 - 1391) by PRA - class I

Method: Luminex - PRA														
*** Serum 1387 ***			*** Serum 1388 ***			*** Serum 1389 ***			*** Serum 1390 ***			*** Serum 1391 ***		
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
B57	67%	100%	B8	67%	100%	A1	67%	100%	A1	67%	100%	B42	67%	100%
B58	67%	100%	A1	33%	100%	A25	67%	100%	A23	67%	100%	B54	67%	100%
A2	67%	100%	A1101	33%	100%	A3	67%	100%	B44	67%	100%	B55	67%	100%
A25	67%	100%	A1102	33%	100%	B42	67%	100%	B45	67%	100%	B56	67%	100%
B63	67%	100%	A2	33%	100%	B44	67%	100%	B49	67%	100%	B67	67%	100%
A1	33%	100%	A203	33%	100%	B54	67%	100%	B50	67%	100%	B7	67%	100%
A11	33%	100%	A23	33%	100%	B55	67%	100%	B52	67%	100%	B81	67%	100%
A1101	33%	100%	A24	33%	100%	B56	67%	100%	B56	67%	100%	B82	67%	100%
A1102	33%	100%	A2403	33%	100%	B57	67%	100%	B62	67%	100%	A1	33%	100%
A203	33%	100%	A25	33%	100%	B58	67%	100%	B72	67%	100%	A1101	33%	100%
A23	33%	100%	A26	33%	100%	B63	67%	100%	B82	67%	100%	A1102	33%	100%
A24	33%	100%	A29	33%	100%	B67	67%	100%	A1101	33%	100%	A2	33%	100%
A2403	33%	100%	A3	33%	100%	B7	67%	100%	A1102	33%	100%	A203	33%	100%
A26	33%	100%	A30	33%	100%	B81	67%	100%	A2	33%	100%	A23	33%	100%
A43	33%	100%	A68	33%	100%	A2403	33%	100%	A31	33%	100%	A32	33%	100%
A66	33%	100%	A69	33%	100%	A26	33%	100%	A32	33%	100%	A33	33%	100%
A6601	33%	100%	A74	33%	100%	A29	33%	100%	A33	33%	100%	A34	33%	100%
A6602	33%	100%	A80	33%	100%	A30	33%	100%	A34	33%	100%	A36	33%	100%
A74	33%	100%	B13	33%	100%	A31	33%	100%	A36	33%	100%	A43	33%	100%
B2705	33%	100%	B18	33%	100%	A32	33%	100%	A43	33%	100%	A6601	33%	100%
B42	33%	100%	B2705	33%	100%	A33	33%	100%	A6601	33%	100%	A6602	33%	100%
Cw15	33%	100%	B2708	33%	100%	A34	33%	100%	A6602	33%	100%	A68	33%	100%
Cw17	33%	100%	B35	33%	100%	A36	33%	100%	A68	33%	100%	A69	33%	100%
Cw18	33%	100%	B37	33%	100%	A43	33%	100%	A69	33%	100%	A74	33%	100%
Cw4	33%	100%	B38	33%	100%	A6601	33%	100%	A74	33%	100%	A80	33%	100%

Table 4. Summary of the 596th Serum Exchange (Serum #1387 - 1391) by Single Antigen - class I

Method: Luminex - SAB														
*** Serum 1387 ***			*** Serum 1388 ***			*** Serum 1389 ***			*** Serum 1390 ***			*** Serum 1391 ***		
23 typing Labs			23 typing Labs			23 typing Labs			23 typing Labs			23 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B57	100%	100%	B8	96%	100%	A1	100%	100%	A23	100%	100%	B42	100%	100%
B58	100%	100%	B59	57%	100%	A25	100%	100%	B44	100%	100%	B54	100%	100%
A2	100%	100%	A68	43%	100%	A26	100%	100%	B45	100%	100%	B55	100%	100%
B63	96%	100%	A69	13%	100%	A3	100%	100%	B49	100%	100%	B56	100%	100%
A11	91%	100%	A24	9%	100%	A36	100%	100%	B50	100%	100%	B67	100%	100%
A25	87%	100%	B13	9%	100%	A43	100%	100%	B72	100%	100%	B81	100%	100%
Cw17	78%	100%	B46	9%	100%	A80	100%	100%	B76	100%	100%	B82	100%	100%
A66	74%	100%	B81	9%	100%	B42	100%	100%	B82	100%	100%	B27	96%	100%
Cw18	74%	100%	Bw6	9%	100%	B54	100%	100%	Cw15	100%	100%	B7	96%	100%
A26	65%	100%	Cw10	9%	100%	B55	100%	100%	Cw17	100%	100%	B73	48%	100%
A43	65%	100%	Cw9	9%	100%	B56	100%	100%	Cw18	100%	100%	A2	35%	100%
Cw6	52%	100%	A1	4%	100%	B57	100%	100%	Cw2	100%	100%	B2708	35%	100%
A203	35%	100%	A23	4%	100%	B58	100%	100%	Cw5	100%	100%	B703	22%	100%
Cw5	35%	100%	A2403	4%	100%	B67	100%	100%	A1	96%	100%	A203	17%	100%
B55	30%	100%	A29	4%	100%	B7	100%	100%	B56	96%	100%	B2705	17%	100%
A6601	22%	100%	B22	4%	100%	B81	100%	100%	B62	96%	100%	B8101	13%	100%
Cw2	22%	100%	B55	4%	100%	A11	96%	100%	Cw6	96%	100%	B8201	13%	100%
A1101	17%	100%	B67	4%	100%	A34	96%	100%	A24	91%	100%	Bw6	13%	100%
A1102	17%	100%	Cw3	4%	100%	B27	96%	100%	B71	91%	100%	Bw4	9%	100%
B56	17%	100%				B44	96%	100%	B52	87%	100%	B15	4%	100%
B15	13%	100%				B63	96%	100%	B46	83%	100%	B22	4%	100%
B7	13%	100%				B73	96%	100%	B75	70%	100%	B76	4%	100%
Bw4	13%	100%				B82	96%	100%	Cw4	52%	100%	B7C	4%	100%
A24	9%	100%				A66	87%	100%	A80	48%	100%	B8	4%	100%
A2403	9%	100%				B13	87%	100%	B41	48%	100%	Cw1	4%	100%
B42	9%	100%				B49	87%	100%	B63	48%	100%			
B54	9%	100%				B59	83%	100%	B35	39%	100%			
A10	4%	100%				B76	83%	100%	B77	39%	100%			
B17	4%	100%				Cw6	78%	100%	B55	30%	100%			

Table 4. Summary of the 595th Serum Exchange (Serum #1382 - 1386) by Single Antigen - class I

Method: Luminex - SAB, cont.								
*** Serum 1387 ***			*** Serum 1389 ***			*** Serum 1390 ***		
23 typing Labs			23 typing Labs			23 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B2705	4%	100%	Cw18	74%	100%	B58	26%	100%
B67	4%	100%	A29	70%	100%	B60	26%	100%
B8101	4%	100%	A30	70%	100%	B53	22%	100%
Cw15	4%	100%	A32	70%	100%	A43	17%	100%
Cw4	4%	100%	B75	65%	100%	B4005	17%	100%
Cw7	4%	100%	B77	65%	100%	B48	17%	100%
			B62	61%	100%	Cw16	17%	100%
			A31	48%	100%	B15	13%	100%
			B53	48%	100%	B57	13%	100%
			B38	43%	100%	Bw4	13%	100%
			B2708	39%	100%	Bw6	13%	100%
			B46	35%	100%	B13	9%	100%
			A6601	30%	100%	B40	9%	100%
			A1101	22%	100%	B8201	9%	100%
			A1102	22%	100%	A1C	4%	100%
			B2705	22%	100%	A68	4%	100%
			B8101	17%	100%	A9	4%	100%
			Cw7	17%	100%	B12	4%	100%
			B15	13%	100%	B17	4%	100%
			B8201	13%	100%	B21	4%	100%
			Cw17	13%	100%	B22	4%	100%
			B12	9%	100%	B37	4%	100%
			B37	9%	100%	B47	4%	100%
			B52	9%	100%	B51	4%	100%
			Bw4	9%	100%	B54	4%	100%
			Bw6	9%	100%	B7	4%	100%
			Cw15	9%	100%	B70	4%	100%
			Cw2	9%	100%	B78	4%	100%
			A10	4%	100%	B7801	4%	100%

Table 5. Summary of the 596th Serum Exchange (Serum #1387 - 1391) by Other - class II

Method: Other														
*** Serum 1387 ***			*** Serum 1388 ***			*** Serum 1389 ***			*** Serum 1390 ***			*** Serum 1391***		
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			NT			no consensus			no consensus			NT		

Table 6. Summary of the 596th Serum Exchange (Serum #1387 - 1391) by PRA - class II

Method: Luminex - PRA														
*** Serum 1387 ***			*** Serum 1388 ***			*** Serum 1389 ***			*** Serum 1390 ***			*** Serum 1391 ***		
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
DQ7	67%	100%	DR11	67%	100%	DQ2	67%	100%	DQ4	67%	100%	NEG	67%	-
DQ8	67%	100%	DR13	67%	100%	DR4	67%	100%	DR11	67%	100%	DP10	33%	100%
DQ9	67%	100%	DR17	67%	100%	DR53	67%	100%	DR12	67%	100%	DP11	33%	100%
DR1	67%	100%	DR18	67%	100%	DR7	67%	100%	DR13	67%	100%	DP13	33%	100%
DR10	67%	100%	DP10	33%	100%	DP10	33%	100%	DR14	67%	100%	DP14	33%	100%
DR103	67%	100%	DP11	33%	100%	DP11	33%	100%	DR16	67%	100%	DP15	33%	100%
DR15	67%	100%	DP13	33%	100%	DP13	33%	100%	DR17	67%	100%	DP17	33%	100%
DR16	67%	100%	DP14	33%	100%	DP14	33%	100%	DR18	67%	100%	DP18	33%	100%
DR51	67%	100%	DP15	33%	100%	DP15	33%	100%	DR8	67%	100%	DP19	33%	100%
DR9	67%	100%	DP17	33%	100%	DP17	33%	100%	DP10	33%	100%	DP20	33%	100%
DP10	33%	100%	DP18	33%	100%	DP18	33%	100%	DP11	33%	100%	DP23	33%	100%
DP11	33%	100%	DP19	33%	100%	DP19	33%	100%	DP13	33%	100%	DP28	33%	100%
DP13	33%	100%	DP20	33%	100%	DP20	33%	100%	DP14	33%	100%	DP401	33%	100%
DP14	33%	100%	DP23	33%	100%	DP23	33%	100%	DP15	33%	100%	DP402	33%	100%
DP15	33%	100%	DP28	33%	100%	DP28	33%	100%	DP17	33%	100%	DP9	33%	100%
DP17	33%	100%	DP401	33%	100%	DP401	33%	100%	DP18	33%	100%	DPw1	33%	100%
DP18	33%	100%	DP402	33%	100%	DP402	33%	100%	DP19	33%	100%	DPw2	33%	100%
DP19	33%	100%	DP9	33%	100%	DP9	33%	100%	DP20	33%	100%	DPw3	33%	100%
DP20	33%	100%	DPw1	33%	100%	DPw1	33%	100%	DP23	33%	100%	DPw5	33%	100%
DP23	33%	100%	DPw2	33%	100%	DPw2	33%	100%	DP28	33%	100%	DPw6	33%	100%
DP28	33%	100%	DPw3	33%	100%	DPw3	33%	100%	DP401	33%	100%	DQ2	33%	100%
DP401	33%	100%	DPw5	33%	100%	DPw5	33%	100%	DP402	33%	100%	DQ4	33%	100%
DP402	33%	100%	DPw6	33%	100%	DPw6	33%	100%	DP9	33%	100%	DQ5	33%	100%
DP9	33%	100%	DQ2	33%	100%	DQ4	33%	100%	DPw1	33%	100%	DQ6	33%	100%
DPw1	33%	100%	DQ4	33%	100%	DQ5	33%	100%	DPw2	33%	100%	DQ7	33%	100%
DPw2	33%	100%	DQ5	33%	100%	DQ6	33%	100%	DPw3	33%	100%	DQ8	33%	100%
DPw3	33%	100%	DQ6	33%	100%	DQ7	33%	100%	DPw5	33%	100%	DQ9	33%	100%
DPw5	33%	100%	DQ7	33%	100%	DQ8	33%	100%	DPw6	33%	100%	DR1	33%	100%
DPw6	33%	100%	DQ8	33%	100%	DQ9	33%	100%	DQ2	33%	100%	DR10	33%	100%
DQ2	33%	100%	DQ9	33%	100%	DR1	33%	100%	DQ5	33%	100%	DR103	33%	100%
DQ4	33%	100%	DR1	33%	100%	DR10	33%	100%	DQ6	33%	100%	DR11	33%	100%
DQ5	33%	100%	DR10	33%	100%	DR103	33%	100%	DQ7	33%	100%	DR12	33%	100%
DQ6	33%	100%	DR103	33%	100%	DR11	33%	100%	DQ8	33%	100%	DR13	33%	100%

Table 7. Summary of the 596th Serum Exchange (Serum #1387 - 1391) by Single Antigen - class II

Method: Luminex - SAB														
*** Serum 1387 ***			*** Serum 1388 ***			*** Serum 1389 ***			*** Serum 1390 ***			*** Serum 1391 ***		
22 typing Labs			22 typing Labs			22 typing Labs			22 typing Labs			17 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR15	100%	100%	DP18	100%	100%	DP18	100%	100%	DR11	100%	100%	NEG	94%	100%
DR16	100%	100%	DP28	100%	100%	DR12	100%	100%	DR12	100%	100%	DQ3	6%	100%
DQ7	95%	100%	DR11	100%	100%	DR4	100%	100%	DR13	100%	100%			
DQ8	95%	100%	DR13	100%	100%	DR7	100%	100%	DR14	100%	100%			
DQ9	95%	100%	DR14	100%	100%	DR9	100%	100%	DR17	100%	100%			
DR51	95%	100%	DR17	100%	100%	DP15	95%	100%	DR15	95%	100%			
DR9	95%	100%	DPw2	95%	100%	DP28	95%	100%	DR16	95%	100%			
DR1	91%	100%	DPw6	91%	100%	DPw2	95%	100%	DR8	95%	100%			
DR10	91%	100%	DR18	91%	100%	DR53	95%	100%	DR18	91%	100%			
DR103	82%	100%	DPw3	86%	100%	DPw4	91%	100%	DR52	91%	100%			
DR53	45%	100%	DP9	82%	100%	DR14	82%	100%	DQ4	64%	100%			
DQ3	14%	100%	DP10	77%	100%	DP23	68%	100%	DQ5	50%	100%			
DQA1*03	14%	100%	DP17	77%	100%	DPw1	68%	100%	DQ6	45%	100%			
DQA1*05	14%	100%	DP14	73%	100%	DPw6	68%	100%	DQA1*05	23%	100%			
DQA1*06	14%	100%	DPw4	70%	100%	DQ2	68%	100%	DQA1*01	18%	100%			
DR7	14%	100%	DP20	64%	100%	DQA1*02	68%	100%	DR1403	18%	100%			
DR2	5%	100%	DR1	55%	100%	DPA1*01	59%	100%	DR1404	18%	100%			
			DP402	27%	100%	DPw3	59%	100%	DQ3	14%	100%			
			DR10	27%	100%	DR1	55%	100%	DR3	14%	100%			
			DP15	23%	100%	DR103	55%	100%	DR7	14%	100%			
			DPA1*01	23%	100%	DP20	50%	100%	DQ2	9%	100%			
			DP105	18%	100%	DR10	50%	100%	DR1	9%	100%			
			DPA1*04	18%	100%	DP19	45%	100%	DP14	5%	100%			
			DR12	18%	100%	DR52	45%	100%	DQ1	5%	100%			
			DR1403	18%	100%	DPA1*03	41%	100%	DQ7	5%	100%			
			DPA1*02	14%	100%	DQ4	41%	100%	DR2	5%	100%			
			DR3	14%	100%	DP11	46%	100%	DR5	5%	100%			
			DR4	9%	100%	DQ9	36%	100%	DR6	5%	100%			
			DR52	9%	100%	DQ8	32%	100%						
			DR7	9%	100%	DPA1*04	27%	100%						
			DP107	5%	100%	DP105	23%	100%						
			DP19	5%	100%	DP13	23%	100%						
			DP23	5%	100%	DQA1*05	23%	100%						
			DP26	5%	100%	DP40	18%	100%						
			DP30	5%	100%	DQ7	18%	100%						

Table 8. Individual laboratory results for Serum #1387 - 1391 by Other - class I

	**** Serum 1387 ****																													
Ctr	% POS	A11	A2	A203	A24	A25	A26	A43	A6601	B42	B57	B58	B63	B67	B77	B8101	Cw17	Cw18											Other	Method
1694		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												HISTO SPOT HLA AB

		**** Serum 1388 ****																											
Ctr	% POS																											Other	Method
1694	NT																												HISTO SPOT HLA AB

		**** Serum 1389 ****																																				
	Ctr	% POS	A1	A11	A23	A25	A26	A3	A30	A31	A32	A34	A36	A43	A66	A68	A80	B13	B15	B27	B2708	B42	B54	B55	B56	B57	B58	B62	B63	B67	B7	B73	B75	B77	B81	B82	Other	Method
	1694		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		HISTO SPOT HLA AB

	**** Serum 1390 ****																																	
Ctr	% POS	A1	A23	A24	B44	B45	B49	B50	B52	B53	B62	B72	B76	B82	Cw15	Cw17	Cw18	Cw2	Cw5														Other	Method
1694		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+															HISTO SPOT HLA AB

	**** Serum 1391 ****																															
Ctr	% POS	B27	B2708	B42	B54	B55	B56	B67	B7	B703	B81	B82																			Other	Method
1694		+	+	+	+	+	+	+	+	+	+	+																				HISTO SPOT HLA AB

Table 9. Individual laboratory results for Serum #1387 - 1391 by C1q - class I

**** Serum 1387 ****					**** Serum 1388 ****			**** Serum 1389 ****															**** Serum 1390 ****						**** Serum 1391 ****				
Ctr	% POS	B57	B58	Other	% POS		Other	% POS	B2705	B2708	B42	B54	B55	B56	B57	B58	B63	B67	B7	B81	B82	Other	% POS	A1	B44	B45	B76	B82	Other	% POS	B7	Other	Method
786		+	+		NT				+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+			+		C1q

Table 10. Individual laboratory results for Serum #1387 - 1391 by PRA - class I

**** Serum 1387 ****																	**** Serum 1388 ****												
Ctr	% POS	A2	A25	B57	B58	B63	A1	A11	A1101	A1102	A203	A23				Other	% POS	B8	A1	A1101	A1102	A2	A203	A23	A24	A2403	A25	A26	Other
2400	59																7												
3753	50	+	+	+	+	+		+								A66	12	+											
8137		+	+	+	+	+	+		+	+	+	+				B2708,A6601,A6602,Cw15 >		+	+	+	+	+	+	+	+	+	+	+	B2708,A6601,A6602,Cw15 >

**** Serum 1389 ****																	**** Serum 1390 ****													
Ctr	% POS	A1	A25	A3	B42	B44	B54	B55	B56	B57	B58	B63	B67	B7	B81	B82	Other	% POS	A1	A23	B44	B45	B49	B50	B52	B56	B62	B72	B82	Other
2400	79																	77												
3753	66	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A11	70	+	+	+	+	+	+	+	+	+	+	+	
8137		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B2708,A1101,A1102,A6601 >		+	+	+	+	+	+	+	+	+	+	B2708,A1101,A1102,A6601 >	

**** Serum 1391 ****																	
Ctr	% POS	B42	B54	B55	B56	B67	B7	B81	B82	A1	A1101	A1102				Other	Method
2400	36																LMX-PRA
3753	36	+	+	+	+	+	+	+	+								LMX-PRA
8137		+	+	+	+	+	+	+	+	+	+	+				B2708,A6601,A6602,Cw15 >	LMX-PRA

Table 11. Individual laboratory results for Serum #1387 - 1388 by Single Antigen - class I

	**** Serum 1387 ****																			**** Serum 1388 ****						
Ctr	% POS	A2	B57	B58	B63	A11	A25	Cw17	A66	Cw18	A26	A43	Cw6	A203	Cw5	B55	A6601	Cw2	Other	% POS	B8	B59	A68	Other	Method	
716	9	+	+	+				+		+			+	+	+				Bw4	1	+			Bw6	LMX-SAB	
725		+	+	+	+	+	+	+	+		+	+							A2403		+				LMX-SAB	
786		+	+	+	+		+	+		+	+	+	+	+	+	+	+	+	A1101,A1102,B2705,B7 >		+	+	+		LMX-SAB	
2400	63	+	+	+	+	+		+		+										26	+		+		LMX-SAB	
3224	20	+	+	+	+	+	+	+		+	+	+	+		+	+	+	+	B7,B54,B56,B42,A*68:02	3	+	+			LMX-SAB	
3753		+	+	+	+	+	+		+	+											+				LMX-SAB	
3766	75	+	+	+	+	+	+	+	+	+	+	+	+	+			+		A1101,A1102	0					LMX-SAB	
3808	9	+	+	+	+	+								+					A1101,A1102	2	+	+			LMX-SAB	
3966	20	+	+	+	+	+	+	+	+	+	+	+	+		+	+				5	+	+	+	B81,B13	LMX-SAB	
4322	NT																			NT					LMX-SAB	
5462		+	+	+	+	+	+	+	+	+	+	+	+						A*66:01		+				LMX-SAB	
6649		+	+	+	+	+	+	+	+	+	+	+	+			+					+	+	+		LMX-SAB	
8058	15	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+	B7,B56,Bw4,B15	2	+	+		Bw6	LMX-SAB	
8082	NT																			NT					LMX-SAB	
8090		+	+	+	+	+	+	+	+	+	+	+							A*66:01		+	+	+	A69,Cw10,Cw9	LMX-SAB	
8098		+	+	+	+	+	+		+					+							+				LMX-SAB	
8100		+	+	+	+	+	+	+	+	+							+				+		+		LMX-SAB	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A1101,A1102,Cw15,B56 >	14	+	+	+	B67,A1,A29,A23 >	LMX-SAB	
8112		+	+	+	+	+	+	+	+	+											+	+	+	A24	LMX-SAB	
8121	11	+	+	+	+	+	+		+		+	+		+					B17,Bw4,B15,A10	1	+			B22,B55,B46	LMX-SAB	
8125		+	+	+	+	+	+	+			+	+									+	+			LMX-SAB	
8128		+	+	+	+	+	+	+	+	+	+	+	+						A24		+	+	+		LMX-SAB	
8134		+	+	+	+	+	+		+					+							+				LMX-SAB	
8135	21	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+	B54	4	+	+	+	A69	LMX-SAB	
8138	17	+	+	+	+	+	+	+	+	+	+	+	+		+						1	+	+			LMX-SAB

Table 12. Individual laboratory results for Serum #1389 by Single Antigen - class I

[illegible]

Table 13. Individual laboratory results for Serum #1390 by Single Antigen - class I

[illegible]

Table 14. Individual laboratory results for Serum #1391 by Single Antigen - class I

	**** Serum 1391 ****															
Ctr	% POS	B42	B54	B55	B56	B67	B81	B82	B27	B7	B73	A2	B2708	B703	Other	Method
716	11	+	+	+	+	+	+	+	+			+	+		B8201,B2705,B7C,Bw4 >	LMX-SAB
725		+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
786		+	+	+	+	+	+	+		+	+		+		B2705,A203	LMX-SAB
2400	32	+	+	+	+	+	+	+	+	+						LMX-SAB
3224	10	+	+	+	+	+	+	+	+	+	+					LMX-SAB
3753		+	+	+	+	+	+	+	+	+						LMX-SAB
3766	30	+	+	+	+	+	+	+	+	+		+			B8201,B8101,A203	LMX-SAB
3808	13	+	+	+	+	+	+	+	+	+			+	+	B2705,B8101	LMX-SAB
3966	12	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
4322	NT															LMX-SAB
5462		+	+	+	+	+	+	+	+	+						LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+					LMX-SAB
8058	12	+	+	+	+	+	+	+	+	+	+	+			Bw6	LMX-SAB
8082	NT															LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+					LMX-SAB
8098		+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
8103	15	+	+	+	+	+	+	+	+	+	+	+	+		B8201,B2705,B76,B8 >	LMX-SAB
8112		+	+	+	+	+	+	+	+	+						LMX-SAB
8121	13	+	+	+	+	+	+	+	+	+			+	+	B22,Bw4,Bw6	LMX-SAB
8125		+	+	+	+	+	+	+	+	+						LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
8134		+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
8135	12	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
8138	13	+	+	+	+	+	+	+	+	+	+					LMX-SAB

Table 15. Individual laboratory results for Serum #1387 - #1391 by Other - class II

[illegible][illegible][illegible]

Table 16. Individual laboratory results for Serum #1387 - #1391 by PRA - class II

**** Serum 1387 ****													**** Serum 1388 ****												
Ctr	% POS	DQ7	DQ8	DQ9	DR1	DR10	DR103	DR15	DR16	DR51	DR9	Other	% POS	DR11	DR13	DR17	DR18	DP10	DP11	DP13	DP14	DP15	DP17	Other	
2400	83												86												
3753	83	+	+	+	+	+	+	+	+	+	+		50	+	+	+	+								
8137		+	+	+	+	+	+	+	+	+	+	DR4,DR7,DR8,DR11 >		+	+	+	+	+	+	+	+	+	+	DR1,DR4,DR7,DR8 >	

**** Serum 1389 ****													**** Serum 1390 ****												
Ctr	% POS	DQ2	DR4	DR53	DR7	DP10	DP11	DP13	DP14	DP15	DP17	Other	% POS	DQ4	DR11	DR12	DR13	DR14	DR16	DR17	DR18	DR8	DP10	Other	
2400	94												89												
3753	60	+	+	+	+								97	+	+	+	+	+	+	+	+	+			
8137		+	+	+	+	+	+	+	+	+	+	DR1,DR8,DR9,DR10 >		+	+	+	+	+	+	+	+	+	+	DR1,DR4,DR7,DR9 >	

**** Serum 1391 ****														
Ctr	% POS	DP10	DP11	DP13	DP14	DP15	DP17	DP18	DP19	DP20	DP23	Other	Method	
2400	0												LMX-PRA	
3753	0												LMX-PRA	
8137		+	+	+	+	+	+	+	+	+	+	DR1,DR4,DR7,DR8 >	LMX-PRA	

Table 17. Individual laboratory results for Serum #1387 by Single Antigen - class II

**** Serum 1387 ****														
Ctr	% POS	DR15	DR16	DQ7	DQ8	DQ9	DR51	DR9	DR1	DR10	DR103	DR53	Other	Method
716	20	+	+	+	+	+	+	+						LMX-SAB
725		+	+	+	+	+	+	+	+	+				LMX-SAB
2400	84	+	+	+	+	+	+	+	+	+	+			LMX-SAB
3224	25	+	+	+	+	+	+	+	+	+	+	+	DR7	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+			LMX-SAB
3766	84	+	+	+	+	+	+	+	+	+	+			LMX-SAB
3808	23	+	+	+	+	+	+	+	+	+	+			LMX-SAB
3966	27	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
4322	NT													LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8058	27	+	+				+	+	+	+		+	DR7,DQ3	LMX-SAB
8082	NT													LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	DQA1*05,DQA1*06,DQA1*03	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+			LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+			LMX-SAB
8103	28	+	+	+	+	+		+	+	+	+	+	DR7,DQ3,DQA1*05,DQA1*06 >	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+			LMX-SAB
8121	23	+	+	+	+	+	+	+	+	+	+		DR2,DQ3	LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+	DQA1*05,DQA1*06,DQA1*03	LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8134		+	+	+	+	+	+	+	+	+	+			LMX-SAB
8135	27	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8138	17	+	+	+	+	+	+							LMX-SAB

Table 18. Individual laboratory results for Serum #1388 by Single Antigen - class II

	**** Serum 1388 ****																								
Ctr	% POS	DP18	DP28	DR11	DR13	DR14	DR17	DPw2	DPw6	DR18	DPw3	DP9	DP10	DP17	DP14	DPw4	DP20	DR1	DP402	DR10	DP15	DPA1*01	Other	Method	
716	19	+	+	+	+	+	+	+		+			+			+							+	DPA1*02,DPA1*04	LMX-SAB
725		+	+	+	+	+	+	+	+	+	+	+		+	+	+									LMX-SAB
2400	86	+	+	+	+	+	+	+	+	+		+	+					+	+						LMX-SAB
3224	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+						LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+					DR7	LMX-SAB
3766	63	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+					DRB1*01:02	LMX-SAB
3808	17	+	+	+	+	+	+	+		+									+					DR1403	LMX-SAB
3966	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		DR12,DR52,DPA1*02	LMX-SAB
4322	NT																								LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						DPB1*04:02	LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX-SAB
8058	28	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+		+	+			DR3,DR4,DR12,DR52	LMX-SAB
8082	NT																								LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	DQ5,DP19,DPA1*04,DP26,DPB1*02:01,DPB1*04:02,DPB1*14:01,DQB1*05:03>	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+		+	+	+								DR1403	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			DR12,DP105	LMX-SAB
8103	47	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+		+	+	+	DR3,DR4,DR7,DR9 >	LMX-SAB
8112		+	+	+	+	+	+	+	+	+			+			+									LMX-SAB
8121	22	+	+	+	+	+	+	+	+	+	+	+		+	+	+								DR3,DR5,DR6,DR1403	LMX-SAB
8125		+	+	+	+	+	+		+	+	+		+				+	+		+		+	+	DPA1*02,DPA1*04	LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						DP105	LMX-SAB
8134		+	+	+	+	+	+	+	+	+	+	+		+	+	+								DR1403	LMX-SAB
8135	29	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+				LMX-SAB
8138	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+				DP105	LMX-SAB

		**** Serum 1389 ****																																			
Ctr	% POS	DP18	DR12	DR4	DR7	DR9	DP15	DP28	DPw2	DR53	DPw4	DR14	DP23	DPw1	DPw6	DQ2	DQA1*02	DPA1*01	DPw3	DR1	DR103	DP20	DR10	DP19	DR52	DPA1*03	DQ4	DP11	DQ9	DQ8	DPA1*04	DP105	DP13	DQA1*05	Other	Method	
716	27	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+		+										+	+				DPA1*02	LMX-SAB	
725		+	+	+	+	+	+	+	+	+	+	+			+		+	+	+							+										LMX-SAB	
2400	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+			+					+								LMX-SAB	
3224	48	+	+	+	+	+	+	+	+	+	+		+			+	+	+		+	+	+	+	+		+					+				DRB1*14:01,DRB1*14:54,DRB3*01:01,DRB3*03:01	LMX-SAB	
3753		+	+	+	+	+	+	+	+	+		+	+			+	+	+								+									DP401,DP402,DRB1*14:01	LMX-SAB	
3766	89	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+							DP401,DP402,DQA1*02:01,DPA1*01:03,DPA1*01:05,DRB1*14:01, DRB1*14:54	LMX-SAB	
3808	33	+	+	+	+	+	+	+	+	+		+			+		+	+	+			+	+	+		+									DP401,DQA1*03,DP402	LMX-SAB	
3966	62	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+		+	+	+	+			+		DR15,DPw5	LMX-SAB	
4322																																					LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+		+			+	+	+				+															LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		+	+	+	+	+		+	+	+	+			+		DQ7	LMX-SAB	
8058	52	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		+	+	+	+		+	+					+		DR8,DR13,DQ3,DR15 >	LMX-SAB	
8082	NT																																				LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		+	+	+	+	+	+	+	+		+		+	+			DR8,DR51,DQA1*03,DP26,DRB1*01:01,DRB1*08:07,DRB1*14:01,DRB1*14:04,DRB1*14:05,DRB1*14:54,DRB5*01:01,DRB3*01:01,DRB3*03:01,DQB1*04:01 >	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+			+		+	+	+			+	+	+	+	+	+										LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+			+	+	+	+			+		DQ7,DP31,DP40,DP85	LMX-SAB	
8103	51	+	+	+	+	+	+	+	+		+	+	+	+				+		+	+	+	+	+	+	+					+			+			LMX-SAB
8112		+	+	+	+	+	+	+		+	+	+	+			+	+	+		+		+	+	+		+					+			+		DPA1*05	LMX-SAB
8121	44	+	+	+	+	+			+	+	+	+		+	+	+			+						+	+		+	+								

Table 20. Individual laboratory results for Serum #1390 - #1391 by Single Antigen - class II

	**** Serum 1390 ****															**** Serum 1391 ****				
Ctr	% POS	DR11	DR12	DR13	DR14	DR17	DR15	DR16	DR8	DR18	DR52	DQ4	DQ5	DQ6	DQA1*05	Other	% POS	DQ3	Other	Method
716		+	+	+	+	+				+							0			LMX-SAB
725		+	+	+	+	+	+	+	+	+	+		+			DQA1*01				LMX-SAB
2400	83	+	+	+	+	+	+	+	+	+	+						0			LMX-SAB
3224	24	+	+	+	+	+	+	+	+	+		+	+	+		DRB3*01:01,DRB3*03:01	0			LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+				DRB3*01,DRB3*03	0			LMX-SAB
3766	79	+	+	+	+	+	+	+	+	+	+					DRB3*01:01,DRB3*03:01	0			LMX-SAB
3808	25	+	+	+	+	+	+	+	+	+	+					DR1403,DR1404	0			LMX-SAB
3966	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+		0			LMX-SAB
4322	NT																NT			LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+				DRB3*01:01,DRB3*03:01	0			LMX-SAB
6649		+	+	+	+	+	+	+	+	+	+	+								LMX-SAB
8058	38	+	+	+	+	+	+	+	+		+	+	+	+		DR1,DR3,DR7,DQ2 >	21	+		LMX-SAB
8082	NT																NT			LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB3*01:01,DRB3*03:01	0			LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+		+	+		DR1403,DR1404,DQA1*01				LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+					0			LMX-SAB
8103	38	+	+	+	+	+	+	+	+		+	+	+	+	+	DR1,DR3,DR7,DQ3 >	1			LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR7	0			LMX-SAB
8121	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR2,DR3,DR5,DR6 >	0			LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+			+					LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+			0			LMX-SAB
8134		+	+	+	+	+	+	+	+	+	+		+	+		DR1403,DR1404,DQA1*01				LMX-SAB
8135	22	+	+	+	+	+	+	+	+	+	+	+				DQ2	0			LMX-SAB
8138	23	+	+	+	+	+	+	+	+	+	+						0			LMX-SAB