

SERUM EXCHANGE #587

SEPTEMBER 14, 2022

Sera 1342 - 1346

The results for **Serum Exchange 587 (sera 1342 - 1346)**, are summarized in Tables 1 – 7 and individual laboratory results by method are listed in

Tables 8 - 21. Sera with strong anti-B13 and -B8 reactivity, as well as sera reactive to 2C, C-locus, and DR specificities were examined in this study.

1342	method	#labs	B13	A30	A31	B44	B45	B12	B49	B50	B21	B47	B60	B61	B40	B41	B51	B59	Cw6	B52	Cw18	B53	B77	A19	B12C	A3	B15	B4005
class I	AHG	1	no consensus																									
	C1q	3	100%	33%																								
	PRA	4	75%	75%	75%	50%	50%	25%	50%	50%	25%	50%	50%	50%	25%	25%												
	SAB	24	100%	100%	100%	100%	100%	8%	100%	100%	8%	100%	96%	96%	17%	100%	83%	75%	71%	62%	46%	12%	12%	4%	4%	4%	4%	4%

1342	method	#labs	DR7	DQ2	DR12	DR9	DR52	DQA1*02	DQ4	DQA1*05	DPw6	DQ7	DQ8	DQ9	DQA1*04	DR11	DR13	DR14	DR5	DR8
class II	C1q	2	100%	100%																
	PRA	4	50%	25%	50%	50%	25%													
	SAB	23	96%	100%	100%	100%	100%	57%	22%	22%	17%	9%	9%	9%	9%	9%	9%	4%	4%	4%

Serum 1342. Strong anti-B13 (18866) reactivity was detected in this sample by all methods. Additional reactivity to A30 (11097) was also reported by C1q, Luminex-PRA and SAB labs. Labs reporting by PRA and SAB also reported reactivity to B44 (7037), B45 (7586), as well as reactivity to a number of 5C and 7C specificities.

Class II reactivity was also detected in this sample, with labs reporting by C1q, PRA, and SAB detecting strong anti-DR7 (13852) and -DQ2 (11467) reactivity. Additional reactivity to DR9 (9193), DR12 (5258), and DR52 (4790) was also reported by PRA and SAB labs.

*(median MFI by SAB)

1343	method	#labs	NEG	B35	B53	B44	B51	B52	B77	B78	B7801	B57	B58	B17	B13	B18	B37	A2	B75	B67	A23	A24	A9	
class I	AHG	1	NT																					
	C1q	3	33%	67%	67%	33%	33%	33%	33%	33%		33%	33%		33%									
	PRA	4		75%	75%	25%	75%	25%	25%	75%		50%	50%		25%	50%	50%	25%	25%	25%	25%			
	SAB	24		100%	100%	100%	100%	96%	96%	96%	21%	100%	100%	8%	58%	96%	92%	79%	71%	21%	12%	8%	4%	
1343	method	#labs	A68	A69	A29	B39	B27	B71	B15	B56	Cw15	Cw18	Cw6	Cw2	Cw5	Cw14	Cw17	Cw4	A203	A43	A25	A32	A33	B55
	PRA	4	25%	25%	25%	25%	25%														25%	25%	25%	25%
	SAB	24	12%	12%	4%	12%	8%	25%	17%	17%	17%	17%	17%	12%	12%	8%	8%	8%	4%	4%				

1343	method	#labs	NEG	DR11	DR12	DR13	DR14	DR1403	DR1404	DR8	DR17	DR18	DR52	DR9	DR7	DR3	DP13	DQA1*01	DQA1*05	DQ8	DQ9	DP23	DPw4	DQ2	DQ4
class II	C1q	2	100%																						
	PRA	4		50%	50%	50%	50%			50%	25%	25%	50%	25%			25%	25%	25%	25%	25%				
	SAB	23		96%	100%	100%	100%	17%	17%	100%	91%	91%	91%	91%	52%	17%						4%	4%	4%	4%

Serum 1343. Anti-B44 (7144) reactivity, along with reactivity to a number of 5C specificities, including B35 (8859), B53 (10375), B44 (7144), B51 (7728), B57 (8522), and B58 (6892), was detected in this sample by C1q, PRA, and SAB. Allele specific B*13:01 and B*15:02 reactivity was also reported by a number of labs.

Weak class II reactivity was detected in this sample, with PRA and SAB reporting reactivity to DR11 (2051), DR12 (2598), DR13 (2329), DR14 (2111), DR8 (5724), DR17 (1598), DR18 (1773), DR52 (1597), and DR9 (1243). Each were reported by > 90% of SAB labs. Labs reporting by C1q detected no C1q-binding of class II antibodies.

*(median MFI by SAB)

1344	method	#labs	B8	B18	B39	B3901	Cw1	Cw7	Cw6	Cw12	Cw14	Cw15	Cw16	Cw18	Cw2	Cw4	Cw5	Cw8	B37	B42	B54	B59	B38	A29	A32	A33	A68	
class I	AHG	1	no consensus																									
	C1q	3	100%	33%	33%		67%	100%	100%	100%	33%	100%	33%	67%					33%	33%	33%	33%						
	PRA	4	50%	50%	25%		25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	50%	50%	50%	50%	25%	25%	50%	50%	50%	
	SAB	24	100%	100%	92%	25%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
1344	method	#labs	B49	B51	B52	B53	B35	B41	B67	B7	B73	A74	A34	B55	B60	B61	B64	B65	B78	B7801	B81	B8101	A1	A36	A30	A31	B48	
	PRA	4	25%	50%	25%	25%	25%	50%	25%	50%	50%	25%	50%	50%	50%	25%	25%	25%	50%		25%		50%		50%	50%	25%	
	SAB	24	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	96%	96%	96%	96%	96%	96%	21%	96%	21%	92%	88%	83%	83%	71%	
1344	method	#labs	A66	A6602	B13	B63	A80	A69	B27	B77	Cw17	B40	B703	A11	A1101	B14	B47	Cw403	A19	A28	B15	B16	B57	B58	B7C	B8C	A10	A1C
	PRA	4	25%		25%		25%	50%	25%																			
	SAB	24	67%	50%	67%	67%	62%	58%	50%	33%	33%	17%	17%	12%	12%	12%	12%	12%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%

1344	method	#labs	NEG	DQ5	DQ6	DQ2	DQ8	DP13	DP18	DP28	DP9	DPw3	DPw6	DP14	DP17	DPw2	DP10	DP20	DPw4
class II	C1q	2	100%																
	PRA	4		25%	25%	25%	25%	25%											
	SAB	23		96%	87%	74%			100%	100%	100%	100%	100%	96%	96%	96%	74%	74%	74%
1344	method	#labs	DQA1*01	DQA1*05	DP402	DPA1*04	DPA1*01	DPA1*02	DPA1*03	DR1	DP11	DP19	DQA1*04	DR103	DR11	DPw1	DPw5	DQ1	DR13
	SAB	23	65%	35%	30%	26%	22%	13%	13%	13%	9%	9%	9%	9%	9%	4%	4%	4%	4%

Serum 1344. For this sample, anti-B8 (19157), -B18 (10521), -B39 (10090), -Cw1 (11462), and -Cw7 (9030) reactivity was reported by all methods. Strong reactivity to a number of C-locus specificities, including Cw6 (11773), Cw12 (13708), Cw14 (10751), Cw15 (13459), Cw16 (10271), and Cw18 (10351) was also reported by C1q, PRA, and SAB. In addition, reactivity to B38 (7673), B37 (10819), as well as reactivity to number of 1C, 5C, 7C, and 10C specificities was reported by various methods. Allele specific B*13:02 reactivi-

ty was also reported by some labs.

Strong DP reactivity was detected in this sample, with > 90% of SAB labs reporting anti-DP18 (11947), -DP28 (7895), -DP9 (15221), -DP3 (14871), -DP6 (14194), -DP14 (13930), -DP17 (14256), and -DP2 (14630) reactivity. Allele specific DQA1*01:01, DQA1*01:02, DQB1*06:02, DQB1*06:04, and DQB1*06:09 reactivity was also reported by some labs. This sample was reported as negative for class II by C1q.

*(median MFI by SAB)

1345	method	#abs	A2	A68	A69	A28	B57	A25	A26	A66	A6601	A6602	A23	A24	A2403	A29	A31	A32	A33	A34	A74	A43	B13	B18	B35	B42	B49	B50
class I	AHG	1	no consensus																									
	C1q	3	100%	100%	100%		67%	33%	33%	33%						33%	33%	33%	33%	33%	33%							
	PRA	4	75%	75%	50%	25%	25%	25%		25%			25%	25%		25%	25%	25%	25%	25%			25%	25%	25%		25%	25%
	SAB	23	100%	100%	100%	4%	100%	100%	100%	96%	17%	17%	100%	100%	21%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%
1345	method	#labs	B51	B52	B53	B58	B54	B55	B56	B59	B67	B73	B8	Cw17	Cw7	B38	B41	B46	B48	B7	B63	B71	B72	B75	B76	B77	B78	B7801
	C1q	3													100%													
	PRA	4		25%	25%	25%		25%				25%	25%			25%		25%	25%	25%	25%	25%	25%					
	SAB	23	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	21%
1345	method	#abs	B60	B61	B62	B81	B8101	B82	B8201	B39	B3901	Cw15	A1	A11	A1101	A1102	A36	A80	Cw6	Cw18	Cw12	Cw2	Cw4	B37	A203	B15	B40	
	PRA	4						25%					25%	25%														
	SAB	23	96%	96%	96%	96%	12%	96%	12%	92%	25%	88%	71%	79%	8%	21%	75%	75%	75%	71%	62%	58%	33%	25%	17%	17%	17%	
1345	method	#abs	B703	A2C	A10	A30	A9	B16	B17	B21	B22	Bw4	Bw6	Cw5	A19	B12C	B4005	B70	B5	B5C	B7C	B8C	Cw10	A10C	Cw16	Cw3	Cw403	
	SAB	23	12%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	

1345	method	#labs	NEG	DR52	DQ2	DR7	DQA1*05	DQA1*06	DR16	DR9	DQ6	DQ7	DR15	DP11	DQ5	DR14	DR1403	DR51	DP17	DPw6	DR1	DR13	DR4	DP9	DP10
class II	C1q	2	100%																						
	PRA	4	75%	25%	25%	25%																			
	SAB	20	50%	15%			30%	30%	30%	30%	25%	25%	25%	20%	20%	20%	5%	20%	15%	15%	15%	15%	15%	10%	10%
1345	method	#labs	DR17	DR18	DR3	DP13	DPA1*01	DPA1*03	DPw3	DQ4	DQA1*02	DQA1*03	DR11	DR53	DP14	DP15	DP19	DP20	DPA1*04	DPw1	DQ1	DQ3	DQA1*01	DR2	DR5
	SAB	20	15%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%

Serum 1345. Strong class I reactivity was detected in this sample. AHG, C1q, PRA, and SAB each reported anti-A2 (21802), -A25 (15065), -A26 (13916), -A66 (12941), -A68 (20042), -A69 (18510), and -B57 (17371) reactivity. Additional strong reactivity to Cw7 (17197), as well reactivity to a number of 1C, 5C, 10C, and 7C specificities, including A29 (13516), A31 (13276), A25 (15065), A26 (13916), B58 (13540), B62 (11184), and B73 (14937), was also reported by labs.

The reporting of class II antibodies was mixed among labs. Half the labs reporting by SAB and 3/4 of the labs reporting by PRA indicated the sample was class II negative. No C1q-binding of class II antibodies were noted by the C1q labs. Among the labs reporting class II reactivity, 30% reported reactivity to DQA1*05 (2058), DQA1*06 (1933), DR16 (1016), and DR9 (3568) antisera. This sample was not graded for class II due to lack of consensus.

*(median MFI by SAB)

1346	method	#labs	A2	A23	A24	A2403	A9	A68	A69	A28	Cw14	Cw18	Cw4	Cw9	Cw10	A25	A26	A29	A31	A32	A33	A34
class I	AHG	1	no consensus																			
	C1q	3	100%	67%	100%			100%	100%		67%	67%	33%	100%	100%							
	PRA	4	75%	75%	75%		25%	75%	75%	25%						25%	25%	25%	25%	25%	25%	25%
	SAB	23	100%	100%	100%	21%	8%	100%	100%	8%	100%	100%	100%	92%	92%	100%	100%	100%	100%	100%	100%	100%
1346	method	#labs	A74	A66	A6601	A6602	A43	Cw15	Cw17	Cw5	Cw6	Cw2	B73	Cw12	Cw3	A203	Cw16	Cw403	A10	A10C	A2C	A19
	PRA	4	25%	25%																		
	SAB	23	100%	96%	17%	17%	100%	100%	100%	100%	100%	96%	29%	25%	21%	17%	17%	8%	8%	8%	8%	4%

1346	method	#labs	NEG
class II	C1q	2	100%
	PRA	4	100%
	SAB	16	100%

Serum 1346. Strong anti-A2 (19065), -A23 (10707), -A24 (16980), -A68 (17134), and -A69 (15063) reactivity was reported by all methods. Reactivity to Cw14 (9240), Cw18 (9787), Cw4 (5987), Cw9 (12469), and Cw10 (12712) was also reported by C1q and SAB. Additional reactivity to A29 (4752), A31

(4136), as well as reactivity to a number of 10C specificities, including A25 (4101), A26 (4127), A32 (4621), and A33 (4259), was reported by PRA and SAB. Additional C-locus reactivity was also detected by SAB. This sample was reported as negative for class II by all methods.

*(median MFI by SAB)

NEXT MAILING DATE: October 5, 2022

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Table 1. Summary of the 587th Serum Exchange (Serum #1342-1346) by Antiglobulin - class I

Method: Antiglobulin														
*** Serum 1342 ***			*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
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 587th Serum Exchange (Serum #1342-1346) by C1q - class I

Method: C1q														
*** Serum 1342 ***			*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
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
B13	100%	100%	B35	67%	100%	B8	100%	100%	A2	100%	100%	A2	100%	100%
A30	33%	100%	B53	67%	100%	Cw12	100%	100%	A68	100%	100%	A24	100%	100%
			B13	33%	100%	Cw15	100%	100%	A69	100%	100%	A68	100%	100%
			B44	33%	100%	Cw6	100%	100%	Cw7	100%	100%	A69	100%	100%
			B51	33%	100%	Cw7	100%	100%	B57	67%	100%	Cw10	100%	100%
			B52	33%	100%	Cw1	67%	100%	A25	33%	100%	Cw9	100%	100%
			B57	33%	100%	Cw18	67%	100%	A26	33%	100%	A23	67%	100%
			B58	33%	100%	B18	33%	100%	A29	33%	100%	Cw14	67%	100%
			B77	33%	100%	B37	33%	100%	A31	33%	100%	Cw18	67%	100%
			B78	33%	100%	B39	33%	100%	A32	33%	100%	Cw4	33%	100%
			NEG	33%	-	B42	33%	100%	A33	33%	100%			
						B54	33%	100%	A34	33%	100%			
						B59	33%	100%	A66	33%	100%			
						Cw14	33%	100%	A74	33%	100%			
						Cw16	33%	100%	B58	33%	100%			
									B73	33%	100%			
									Cw17	33%	100%			

Table 3. Summary of the 587th Serum Exchange (Serum #1342-1346) by PRA - class I

Method: Luminex-PRA														
*** Serum 1342 ***			*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
4 typing Labs			4 typing Labs			4 typing Labs			4 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A30	75%	100%	B35	75%	100%	A1	50%	100%	A2	75%	100%	A2	75%	100%
A31	75%	100%	B51	75%	100%	A30	50%	100%	A68	75%	100%	A23	75%	100%
B13	75%	100%	B53	75%	100%	A31	50%	100%	A69	50%	100%	A24	75%	100%
B44	50%	100%	B78	75%	100%	A32	50%	100%	A1	25%	100%	A68	75%	100%
B45	50%	100%	B18	50%	100%	A33	50%	100%	A11	25%	100%	A69	75%	100%
B47	50%	100%	B37	50%	100%	A34	50%	100%	A23	25%	100%	A25	25%	100%
B49	50%	100%	B57	50%	100%	A68	50%	100%	A24	25%	100%	A26	25%	100%
B50	50%	100%	B58	50%	100%	A69	50%	100%	A25	25%	100%	A28	25%	100%
B60	50%	100%	A2	25%	100%	B18	50%	100%	A28	25%	100%	A29	25%	100%
B61	50%	100%	A23	25%	100%	B37	50%	100%	A29	25%	100%	A31	25%	100%
B12	25%	100%	A25	25%	100%	B41	50%	100%	A31	25%	100%	A32	25%	100%
B21	25%	100%	A29	25%	100%	B42	50%	100%	A32	25%	100%	A33	25%	100%
B40	25%	100%	A32	25%	100%	B51	50%	100%	A33	25%	100%	A34	25%	100%
B41	25%	100%	A33	25%	100%	B54	50%	100%	A34	25%	100%	A66	25%	100%
			A68	25%	100%	B55	50%	100%	A66	25%	100%	A74	25%	100%
			A69	25%	100%	B59	50%	100%	B13	25%	100%	A9	25%	100%
			B13	25%	100%	B60	50%	100%	B18	25%	100%			
			B27	25%	100%	B7	50%	100%	B35	25%	100%			
			B39	25%	100%	B73	50%	100%	B38	25%	100%			
			B44	25%	100%	B78	50%	100%	B46	25%	100%			
			B52	25%	100%	B8	50%	100%	B48	25%	100%			
			B55	25%	100%	A29	25%	100%	B49	25%	100%			
			B67	25%	100%	A66	25%	100%	B50	25%	100%			
			B75	25%	100%	A74	25%	100%	B52	25%	100%			
			B77	25%	100%	A80	25%	100%	B53	25%	100%			
						B13	25%	100%	B55	25%	100%			
						B27	25%	100%	B57	25%	100%			
						B35	25%	100%	B58	25%	100%			
						B38	25%	100%	B63	25%	100%			
						B39	25%	100%	B7	25%	100%			
						B48	25%	100%	B71	25%	100%			
						B49	25%	100%	B72	25%	100%			
						B52	25%	100%	B73	25%	100%			
						B53	25%	100%	B8	25%	100%			
						B61	25%	100%	B82	25%	100%			
						B64	25%	100%						
						B65	25%	100%						
						B67	25%	100%						

Table 4. Summary of the 587th Serum Exchange (Serum #1342-1346) by Single Antigen - class I

Method: Luminex-SAB														
*** Serum 1342 ***			*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
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
A30	100%	100%	B35	100%	100%	A29	100%	100%	A2	100%	100%	A2	100%	100%
A31	100%	100%	B44	100%	100%	A32	100%	100%	A23	100%	100%	A23	100%	100%
B13	100%	100%	B51	100%	100%	A33	100%	100%	A24	100%	100%	A24	100%	100%
B41	100%	100%	B53	100%	100%	A68	100%	100%	A25	100%	100%	A25	100%	100%
B44	100%	100%	B57	100%	100%	A74	100%	100%	A26	100%	100%	A26	100%	100%
B45	100%	100%	B58	100%	100%	B18	100%	100%	A29	100%	100%	A29	100%	100%
B47	100%	100%	B18	96%	100%	B35	100%	100%	A32	100%	100%	A31	100%	100%
B49	100%	100%	B52	96%	100%	B37	100%	100%	A33	100%	100%	A32	100%	100%
B50	100%	100%	B77	96%	100%	B38	100%	100%	A34	100%	100%	A33	100%	100%
B60	96%	100%	B78	96%	100%	B41	100%	100%	A43	100%	100%	A34	100%	100%
B61	96%	100%	B37	92%	100%	B42	100%	100%	A68	100%	100%	A43	100%	100%
B51	83%	100%	A2	79%	100%	B49	100%	100%	A69	100%	100%	A68	100%	100%
B59	75%	100%	B75	71%	100%	B51	100%	100%	A74	100%	100%	A69	100%	100%
Cw6	71%	100%	B13	58%	100%	B52	100%	100%	B13	100%	100%	A74	100%	100%
B52	62%	100%	B71	25%	100%	B53	100%	100%	B18	100%	100%	Cw14	100%	100%
Cw18	46%	100%	B67	21%	100%	B54	100%	100%	B35	100%	100%	Cw15	100%	100%
B40	17%	100%	B7801	21%	100%	B59	100%	100%	B42	100%	100%	Cw17	100%	100%
B53	12%	100%	B15	17%	100%	B67	100%	100%	B49	100%	100%	Cw18	100%	100%
B77	12%	100%	B56	17%	100%	B7	100%	100%	B51	100%	100%	Cw4	100%	100%
B12	8%	100%	Cw15	17%	100%	B73	100%	100%	B52	100%	100%	Cw5	100%	100%
B21	8%	100%	Cw18	17%	100%	B8	100%	100%	B53	100%	100%	Cw6	100%	100%
A19	4%	100%	Cw6	17%	100%	Cw1	100%	100%	B54	100%	100%	A66	96%	100%
A3	4%	100%	A23	12%	100%	Cw12	100%	100%	B56	100%	100%	Cw2	96%	100%
B12C	4%	100%	A68	12%	100%	Cw14	100%	100%	B57	100%	100%	Cw10	92%	100%
B15	4%	100%	A69	12%	100%	Cw15	100%	100%	B58	100%	100%	Cw9	92%	100%
B4005	4%	100%	B39	12%	100%	Cw16	100%	100%	B59	100%	100%	B73	29%	100%
B55	4%	100%	Cw2	12%	100%	Cw18	100%	100%	B67	100%	100%	Cw12	25%	100%
B63	4%	100%	Cw5	12%	100%	Cw2	100%	100%	B73	100%	100%	A2403	21%	100%
B73	4%	100%	A24	8%	100%	Cw4	100%	100%	B8	100%	100%	Cw3	21%	100%
Cw7	4%	100%	B17	8%	100%	Cw5	100%	100%	Cw17	100%	100%	A203	17%	100%
			B27	8%	100%	Cw6	100%	100%	Cw7	100%	100%	A6601	17%	100%
			Cw14	8%	100%	Cw7	100%	100%	A31	96%	100%	A6602	17%	100%
			Cw17	8%	100%	Cw8	100%	100%	A66	96%	100%	Cw16	17%	100%
			Cw4	8%	100%	A34	96%	100%	B38	96%	100%	A10	8%	100%
			A203	4%	100%	B55	96%	100%	B41	96%	100%	A10C	8%	100%
			A29	4%	100%	B60	96%	100%	B46	96%	100%	A28	8%	100%
			A43	4%	100%	B61	96%	100%	B48	96%	100%	A2C	8%	100%
			A9	4%	100%	B64	96%	100%	B50	96%	100%	A9	8%	100%

Table 4. Summary of the 587th Serum Exchange (Serum #1342-1346) by Single Antigen - class I, cont.

Method: Luminex-SAB											
*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
24 typing Labs			24 typing Labs			24 typing Labs			24 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B12	4%	100%	B65	96%	100%	B55	96%	100%	Cw403	8%	100%
B2708	4%	100%	B78	96%	100%	B60	96%	100%	A19	4%	100%
B3901	4%	100%	B81	96%	100%	B61	96%	100%			
B5	4%	100%	A1	92%	100%	B62	96%	100%			
B54	4%	100%	B39	92%	100%	B63	96%	100%			
B55	4%	100%	A36	88%	100%	B7	96%	100%			
B72	4%	100%	A30	83%	100%	B71	96%	100%			
B82	4%	100%	A31	83%	100%	B72	96%	100%			
B8201	4%	100%	B48	71%	100%	B75	96%	100%			
Cw1	4%	100%	A66	67%	100%	B76	96%	100%			
Cw10	4%	100%	B13	67%	100%	B77	96%	100%			
Cw12	4%	100%	B63	67%	100%	B78	96%	100%			
Cw16	4%	100%	A80	62%	100%	B81	96%	100%			
Cw3	4%	100%	A69	58%	100%	B82	96%	100%			
			A6602	50%	100%	B39	92%	100%			
			B27	50%	100%	Cw15	88%	100%			
			B77	33%	100%	A11	79%	100%			
			Cw17	33%	100%	A36	75%	100%			
			B3901	25%	100%	A80	75%	100%			
			B7801	21%	100%	Cw6	75%	100%			
			B8101	21%	100%	A1	71%	100%			
			B40	17%	100%	Cw18	71%	100%			
			B703	17%	100%	Cw12	62%	100%			
			A11	12%	100%	Cw2	58%	100%			
			A1101	12%	100%	Cw4	33%	100%			
			B14	12%	100%	B37	25%	100%			
			B47	12%	100%	B3901	25%	100%			
			Cw403	12%	100%	A1102	21%	100%			
			A19	8%	100%	A2403	21%	100%			
			A28	8%	100%	B7801	21%	100%			
			B15	8%	100%	A203	17%	100%			
			B16	8%	100%	A6601	17%	100%			
			B57	8%	100%	A6602	17%	100%			
			B58	8%	100%	B15	17%	100%			
			B7C	8%	100%	B40	17%	100%			
			B8C	8%	100%	B703	12%	100%			
			A10	4%	100%	B8101	12%	100%			
			A1C	4%	100%	B8201	12%	100%			

Table 5. Summary of the 587th Serum Exchange (Serum #1342-1346) by C1q - class II

Method: C1q														
*** Serum 1342 ***			*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
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	100%	100%	NEG	100%	-	NEG	100%	-	NEG	100%	-	NEG	100%	-
DR7	100%	100%												

Table 6. Summary of the 587th Serum Exchange (Serum #1342-1346) by PRA - class II

Method: Luminex-PRA														
*** Serum 1342 ***			*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
4 typing Labs			4 typing Labs			4 typing Labs			4 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR12	50%	100%	DR11	50%	100%	DP13	25%	100%	NEG	75%	-	NEG	100%	-
DR7	50%	100%	DR12	50%	100%	DQ2	25%	100%	DQ2	25%	100%			
DR9	50%	100%	DR13	50%	100%	DQ5	25%	100%	DR52	25%	100%			
DQ2	25%	100%	DR14	50%	100%	DQ6	25%	100%	DR7	25%	100%			
DR52	25%	100%	DR52	50%	100%	DQ8	25%	100%						
			DR8	50%	100%									
			DP13	25%	100%									
			DPA1*01	25%	100%									
			DPA1*05	25%	100%									
			DQ5	25%	100%									
			DQ6	25%	100%									
			DQ8	25%	100%									
			DQ9	25%	100%									
			DR17	25%	100%									
			DR18	25%	100%									
			DR9	25%	100%									

Table 7. Summary of the 587th Serum Exchange (Serum #1342-1346) by Single Antigen - class II

Method: Luminex-SAB														
*** Serum 1342 ***			*** Serum 1343 ***			*** Serum 1344 ***			*** Serum 1345 ***			*** Serum 1346 ***		
23 typing Labs			23 typing Labs			23 typing Labs			20 typing Labs			16 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ2	100%	100%	DR12	100%	100%	DP18	100%	100%	NEG	50%	-	NEG	100%	-
DR12	100%	100%	DR13	100%	100%	DP28	100%	100%	DQA1*05	30%	100%			
DR52	100%	100%	DR14	100%	100%	DP9	100%	100%	DQA1*06	30%	100%			
DR9	100%	100%	DR8	100%	100%	DPw3	100%	100%	DR16	30%	100%			
DR7	96%	100%	DR11	96%	100%	DPw6	100%	100%	DR9	30%	100%			
DQA1*02	57%	100%	DR17	91%	100%	DP14	96%	100%	DQ6	25%	100%			
DQ4	22%	100%	DR18	91%	100%	DP17	96%	100%	DQ7	25%	100%			
DQA1*05	22%	100%	DR52	91%	100%	DPw2	96%	100%	DR15	25%	100%			
DPw6	17%	100%	DR9	91%	100%	DQ5	96%	100%	DP11	20%	100%			
DQ7	9%	100%	DR7	52%	100%	DQ6	87%	100%	DQ5	20%	100%			
DQ8	9%	100%	DR1403	17%	100%	DP10	74%	100%	DR14	20%	100%			
DQ9	9%	100%	DR1404	17%	100%	DP20	74%	100%	DR51	20%	100%			
DQA1*04	9%	100%	DR3	17%	100%	DPw4	74%	100%	DP17	15%	100%			
DR11	9%	100%	DP23	4%	100%	DQ2	74%	100%	DPw6	15%	100%			
DR13	9%	100%	DPw4	4%	100%	DQA1*01	65%	100%	DR1	15%	100%			
DR14	4%	100%	DQ2	4%	100%	DQA1*05	35%	100%	DR13	15%	100%			
DR5	4%	100%	DQ4	4%	100%	DP402	30%	100%	DR17	15%	100%			
DR8	4%	100%	DQA1*03	4%	100%	DPA1*04	26%	100%	DR4	15%	100%			
			DQA1*04	4%	100%	DPA1*01	22%	100%	DR52	15%	100%			
			DR5	4%	100%	DPA1*02	13%	100%	DP10	10%	100%			
			DR6	4%	100%	DPA1*03	13%	100%	DP13	10%	100%			
						DR1	13%	100%	DP9	10%	100%			
						DP11	9%	100%	DPA1*01	10%	100%			
						DP19	9%	100%	DPA1*03	10%	100%			
						DQA1*04	9%	100%	DPw3	10%	100%			
						DR103	9%	100%	DQ4	10%	100%			
						DR11	9%	100%	DQA1*02	10%	100%			
						DPw1	4%	100%	DQA1*03	10%	100%			
						DPw5	4%	100%	DR11	10%	100%			
						DQ1	4%	100%	DR18	10%	100%			
						DR13	4%	100%	DR3	10%	100%			
						DR51	4%	100%	DR53	10%	100%			
						DR52	4%	100%	DP14	5%	100%			
						DR9	4%	100%	DP15	5%	100%			
									DP19	5%	100%			
									DP20	5%	100%			
									DPA1*04	5%	100%			
									DPw1	5%	100%			

Table 8. Individual laboratory results for Serum #1342 - 1346 by Antiglobulin - class I

**** Serum 1342 ****					**** Serum 1343 ****					**** Serum 1344 ****								**** Serum 1345 ****								**** Serum 1346 ****								
Ctr	% POS	B13		Other	% POS			Other	% POS	B18	B22	B38	B39	B8	Cw1	Other	% POS	A2	A25	A26	A66	A68	A69	Other	% POS	A2	A23	A24	A68	A69	Cw4	Other	Method	
786		+			NT					+	+	+	+	+	+	Cw7		+	+	+	+	+	+	B57,B58,Cw7		+	+	+	+	+	+		Antiglobulin	

Table 9. Individual laboratory results for Serum #1342 - 1346 by C1q - class I

**** Serum 1342 ****										**** Serum 1343 ****										**** Serum 1344 ****										
Ctr	% POS	B13	A30						Other	% POS	B35	B53	B13	B44	B51	B52	B57	Other	% POS	B8	Cw12	Cw15	Cw6	Cw7	Cw1	Cw18	Other	Method		
786		+									+	+								+	+	+	+	+	+	+	B54,B39,B18,B37 >	C1q		
2400		+								0										+	+	+	+	+				C1q		
3753		+	+								+	+	+	+	+	+	+	B78,B77,B58,B*13:01		+	+	+	+	+	+	+		C1q		

**** Serum 1345 ****										**** Serum 1346 ****										
Ctr	% POS	A2	A68	A69	Cw7	B57	A25	A26	Other	% POS	A2	A24	A68	A69	Cw10	Cw9	A23	Other	Method	
786		+	+	+	+	+	+	+	A66,A34,A29,A31 >		+	+	+	+	+	+	+	Cw4,Cw14,Cw18	C1q	
2400		+	+	+	+						+	+	+	+	+	+			C1q	
3753		+	+	+	+	+					+	+	+	+	+	+	+	Cw14,Cw18	C1q	

Table 10. Individual laboratory results for Serum #1342 - 1346 by PRA - class I

**** Serum 1342 ****													**** Serum 1343 ****													
Ctr	% POS	A30	A31	B13	B44	B45	B47	B49	B50	B60	B61	Other	% POS	B35	B51	B53	B78	B18	B37	B57	B58	A2	A23	Other	Method	
2400	46												50												LMX-PRA	
3753	56	+	+	+	+	+	+	+	+	+	+	B41	38	+	+	+	+	+	+	+	+				LMX-PRA	
4079	45	+	+	+	+	+	+	+	+	+	+	B40, B21, B12	30	+	+	+	+								LMX-PRA	
8058	4	+	+	+									32	+	+	+	+	+	+	+	+	+	+	B13,B44,B27,B52 >	LMX-PRA	

**** Serum 1344 ****																									
Ctr	% POS	A1	A30	A31	A32	A33	A34	A68	A69	B18	B37	B41	B42	B51	B54	B55	B59	B60	B7	B73	B78	B8		Other	Method
2400	98																								LMX-PRA
3753	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B13,A80,B35	LMX-PRA
4079	Multi																								LMX-PRA
8058	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		Cw4,Cw6,B61,B48 >	LMX-PRA

**** Serum 1345 ****													**** Serum 1346 ****													
Ctr	% POS	A2	A68	A69	A1	A11	A23	A24	A25	A28	A29	Other	% POS	A2	A23	A24	A68	A69	A25	A26	A28	A29	A31	Other	Method	
2400	100												93												LMX-PRA	
3753	98	+	+		+	+	+	+	+		+	B48, A66, B49, B50 >	84	+	+	+	+	+	+	+		+	+	A66,A34,A32,A33 >	LMX-PRA	
4079	98	+	+	+						+			93	+	+	+	+	+			+			A9	LMX-PRA	
8058	6	+	+	+									9	+	+	+	+	+							LMX-PRA	

Table 11. Individual laboratory results for Serum #1342 - 1343 by Single Antigen - class I

**** Serum 1342 ****																			**** Serum 1343 ****																			
Ctr	% POS	A30	A31	B13	B41	B44	B45	B47	B49	B50	B60	B61	B51	B59	Cw6	B52	Cw18	Other	% POS	B35	B44	B51	B53	B57	B58	B18	B52	B77	B78	B37	A2	B75	B13	B71	Other	Method		
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	B67,B*13:01,B*15:02	LMX-SAB			
725		+	+	+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB	
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+		B15,B*13:01,B*15:02	LMX-SAB		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB	
3224	21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B53,B77	19	+	+	+	+	+	+	+	+	+	+	+	+				B*13:01,B*15:02	LMX-SAB		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	+	+	+	+	+	+	+	+	+	+		+	+	B*13:01	LMX-SAB		
3766	63	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		74	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B7801,B*13:01,B*15:02 >	LMX-SAB		
3808	13	+	+	+	+	+	+	+	+	+	+	+							11	+	+	+	+	+	+	+	+	+		+				B7801	LMX-SAB			
3966	19	+	+	+	+	+	+	+	+	+	+	+	+	+					20	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB		
4079		+	+	+	+	+	+	+	+	+	+	+	+		+	+		B40,B21,B55,A3 >		+	+	+	+	+	+	+	+	+	+	+	+	+	+		A24,A9,A23,B17 >	LMX-SAB		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B53,B63,B77,B73 >		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,B56,B67,A68 >	LMX-SAB		
5219	13	+	+	+	+	+	+	+	+	+	+	+						B40,B21,A19,B12 >	10	+	+	+	+	+	+			+	+	+					B15,B5,B12,B17 >	LMX-SAB		
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+		B*13:01	LMX-SAB		
6649	22	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		18	+	+	+	+	+	+	+	+	+	+		+	+	+			LMX-SAB		
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw6,B56,B67 >	LMX-SAB		
8087		+	+	+	+	+	+	+	+	+			+					B40		+	+	+	+	+	+	+	+		+	+	+			B15	LMX-SAB			
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+					+	+	+	+	+	+	+	+	+	+	+	+	+	+		B*15:02	LMX-SAB		
8098		+	+	+	+	+	+	+	+	+	+	+								+	+	+	+	+	+	+	+	+	+	+						LMX-SAB		
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB		
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15,B53,B77		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw6,A24,B15 >	LMX-SAB		
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB	
8125		+	+	+	+	+	+	+	+	+	+	+	+	+				B4005		+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB		
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,B27,B56,B67 >	LMX-SAB		

Table 12. Individual laboratory results for Serum #1344 by Single Antigen - class I

[illegible]

Table 13. Individual laboratory results for Serum #1344 by Single Antigen - class I, cont

	**** Serum 1344 ****									
Ctr	B63	A80	A69	A6602	B27	B77	Cw17	B3901	Other	Method
615	+	+	+	+	+	+	+		A11,A1101,B*13:02	LMX-SAB
725										LMX-SAB
786	+	+	+		+	+	+			LMX-SAB
910	+	+	+	+	+				B*13:02	LMX-SAB
2400			+							LMX-SAB
3224	+	+	+	+	+	+	+			LMX-SAB
3753	+	+	+	+						LMX-SAB
3766	+	+	+	+	+			+	B8101,B2708,B7801	LMX-SAB
3808				+				+	Cw403,B703,B8101,B7801	LMX-SAB
3966	+	+			+					LMX-SAB
4079	+		+	+				+	Cw403,B40,B703,A19 >	LMX-SAB
4322	+	+	+	+	+	+	+		B50,B47,B44,B75 >	LMX-SAB
5219				+				+	Cw403,B40,A10,B21 >	LMX-SAB
5462			+	+						LMX-SAB
6649	+	+	+							LMX-SAB
8082	+	+		+	+	+	+		B47,A1101	LMX-SAB
8087									B40,B15,B14,B7C >	LMX-SAB
8090	+	+		+	+				B*13:02,B*27:08	LMX-SAB
8098								+	B703	LMX-SAB
8100	+	+		+					B8C	LMX-SAB
8103	+	+	+	+	+	+	+	+	A11,B40,B15,B47 >	LMX-SAB
8112	+	+	+		+	+	+			LMX-SAB
8125										LMX-SAB
8128	+	+	+		+	+	+		A11	LMX-SAB

Table 15. Individual laboratory results for Serum #1345 by Single Antigen - class I, cont.

	**** Serum 1345 ****																	
Ctr	B78	B81	B82	B39	Cw15	A11	A36	A80	Cw6	A1	Cw18	Cw12	Cw2	Cw4	B37	B3901	Other	Method
615	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		A30	LMX-SAB
725	+	+	+	+														LMX-SAB
786	+	+	+	+	+	+	+	+	+	+	+	+	+		+			LMX-SAB
910	+	+	+	+	+	+	+	+	+	+	+	+						LMX-SAB
2400	+	+	+	+	+	+	+	+	+	+	+	+						LMX-SAB
3224	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
3753	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
3766	+	+	+	+	+	+	+	+	+	+	+	+	+				A203,A2403,B7801,A1101 >	LMX-SAB
3808			+		+												A203,B703,B8101,A2403 >	LMX-SAB
3966	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
4079	+	+	+	+	+	+	+		+	+							A9,B40,B15,A10 >	LMX-SAB
4322	+	+	+	+	+			+	+		+	+	+	+			Bw4,Bw6,A1102	LMX-SAB
5219	+	+	+	+	+									+			Cw403,A9,A203,B40 >	LMX-SAB
5462	+	+	+	+	+	+	+	+	+	+	+	+	+		+			LMX-SAB
6649	+	+	+	+	+	+	+	+		+		+			+			LMX-SAB
8082	+	+	+	+	+			+	+		+	+	+	+			A1102	LMX-SAB
8087	+	+	+	+		+											B40,B15	LMX-SAB
8090	+	+	+	+	+	+	+	+	+	+	+	+	+				B*13:02	LMX-SAB
8098	+	+				+	+			+							A203,B703,A2403,B8201	LMX-SAB
8100	+	+	+	+	+	+	+	+	+	+	+		+				A10C,A2C	LMX-SAB
8103	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15,A30,B8101 >	LMX-SAB
8112	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8125	+	+	+	+	+	+	+	+	+		+		+				B4005	LMX-SAB
8128	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB

Table 16. Individual laboratory results for Serum #1346 by Single Antigen - class I, cont.

[illegible]

Table 17. Individual laboratory results for Serum #1342 - 1346 by C1q - class II

	**** Serum 1342 ****				**** Serum 1343 ****				**** Serum 1344 ****				**** Serum 1345 ****				**** Serum 1346 ****				
Ctr	% POS	DQ2	DR7	Other	% POS			Other	% POS			Other	% POS			Other	% POS			Other	Method
2400		+	+		0				0				0				0				C1q
3753		+	+		0				0				0				0				C1q

Table 18. Individual laboratory results for Serum #1342 - 1346 by PRA - class II

**** Serum 1342 ****						**** Serum 1343 ****					**** Serum 1344 ****					**** Serum 1345 ****					**** Serum 1346 ****					
Ctr	% POS	DR12	DR7	DR9	Other	% POS	DR11	DR12	DR13	Other	% POS	DP13	DQ2	DQ5	Other	% POS	DQ2	DR52	DR7	Other	% POS			Other	Method	
2400	69					71					77					0					0				LMX-PRA	
3753	60	+	+	+	DR52,DQ2	67	+	+	+	DR8,DR9,DR14,DR17 >	87		+	+		0					0				LMX-PRA	
4079	57	+	+	+		43	+	+	+	DR8,DR14,DR52	Multi						0					0			LMX-PRA	
8058	0					14				DQ5,DQ8,DQ9,DQ6 >	4	+			DQ8,DQ6	3	+	+	+		0				LMX-PRA	

Table 19. Individual laboratory results for Serum #1342 - 1343 by Single Antigen - class II

**** Serum 1342 ****											**** Serum 1343 ****													
Ctr	% POS	DQ2	DR12	DR52	DR9	DR7	DQA1*02	DQ4	DQA1*05	Other	% POS	DR12	DR13	DR14	DR8	DR11	DR17	DR18	DR52	DR9	DR7	Other	Method	
615		+	+	+	+	+	+			DQA1*02:01/DQB1*02		+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
725		+	+	+	+	+						+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
910		+	+	+	+	+	+			DQA1*02:01		+	+	+	+	+	+	+	+	+				LMX-SAB
2400		+	+	+	+	+				DPw6		+	+	+	+									LMX-SAB
3224	19	+	+	+	+		+			DRB1*04:03	16	+	+	+	+	+	+	+	+	+				LMX-SAB
3753		+	+	+	+	+	+					+	+	+	+	+	+	+	+	+				LMX-SAB
3766	70	+	+	+	+	+	+			DPw6	69	+	+	+	+	+	+	+	+	+		DRB3*03:01,DRB3*02:02,DRB3*01:01	LMX-SAB	
3808	11	+	+	+	+	+					24	+	+	+	+	+			+	+	+	DR3,DR1403,DR1404	LMX-SAB	
3966	19	+	+	+	+	+	+	+	+	DQA1*04	19	+	+	+	+	+	+	+	+	+	+			LMX-SAB
4079		+	+	+	+	+	+			DR8,DR11,DR13,DR14		+	+	+	+	+	+	+	+	+	+	DR3,DR1403,DR1404	LMX-SAB	
4322		+	+	+	+	+	+	+	+	DR11,DR13,DQA1*04		+	+	+	+	+	+	+	+	+	+	DQ4,DPw4,DP23,DQA1*03 >	LMX-SAB	
5219	11	+	+	+	+	+				DR5	24	+	+	+	+	+	+	+	+	+	+	DR3,DR5,DR6,DR1403,DR1404 >	LMX-SAB	
5462		+	+	+	+	+				DQA1*02		+	+	+	+	+	+	+	+	+				LMX-SAB
6649	16	+	+	+	+	+					11	+	+	+	+	+		+						LMX-SAB
8082		+	+	+	+	+	+		+			+	+	+	+	+	+	+	+	+	+			LMX-SAB
8087		+	+	+		+	+			DR3,DR11,DR13,DR14		+	+	+	+	+	+					+		LMX-SAB
8090		+	+	+	+	+				DRB3*01:01,DRB3*03:01		+	+	+	+	+	+	+	+	+		DRB3*02:02,DRB3*03:01	LMX-SAB	
8098		+	+	+	+	+						+	+	+	+	+	+	+	+	+	+	DR1403,DR1404	LMX-SAB	
8100		+	+	+	+	+		+		DQ7,DQ8,DQ9		+	+	+	+	+	+	+	+	+				LMX-SAB
8103		+	+	+	+	+	+	+	+			+	+	+	+	+	+		+	+	+	DR3	LMX-SAB	
8112		+	+	+	+	+		+		DQ7,DQ8,DQ9,DPw6		+	+	+	+	+	+	+	+	+				LMX-SAB
8125		+	+	+	+	+	+		+			+	+	+	+	+	+	+						LMX-SAB
8128		+	+	+	+	+	+			DPw6		+	+	+	+	+	+	+	+	+	+			LMX-SAB

Table 20. Individual laboratory results for Serum #1344 by Single Antigen - class II

	**** Serum 1344 ****																					
Ctr	% POS	DP18	DP28	DP9	DPw3	DPw6	DP14	DP17	DPw2	DQ5	DQ6	DP10	DP20	DPw4	DQ2	DQA1*01	DQA1*05	DP402	DPA1*04	DPA1*01	Other	Method
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			DQA1*01:01,DQA1*01:02, DQB1*06:02,DQB1*06:04, DQB1*06:09	LMX-SAB
725		+	+	+	+	+	+	+	+	+	+			+		+					DR11	LMX-SAB
910		+	+	+	+	+	+	+	+	+		+	+	+	+	+					DQA1*01:01,DQA1*01:02, DPB1*04:02	LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
3224	28	+	+	+	+	+	+	+	+	+		+	+		+			+			DQB1*06:02,DQB1*06:04, DQB1*06:09	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+		+			+			DQB1*06:02,DQB1*06:04, DQB1*06:09	LMX-SAB
3766	46	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+		DQA1*01:01,DQA1*01:02, DQB1*06:02,DQB1*06:04, DQB1*06:09	LMX-SAB
3808	18	+	+	+	+	+	+	+	+	+	+						+		+			LMX-SAB
3966	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DPA1*02,DPA1*03	LMX-SAB
4079		+	+	+	+	+	+	+	+						+	+		+			DQA1*01:01,DQA1*01:02, DQA1*01:04	LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DR1,DR103,DPw1,DPw5 >	LMX-SAB
5219	18	+	+	+	+	+	+	+	+	+	+			+			+	+				LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+						DPB1*04:02, DQA1*01	LMX-SAB
6649	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	DR1,DR103,DR9,DR13 >	LMX-SAB
8087		+	+	+	+	+	+	+	+	+	+	+				+					DR11	LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+			+				DQB1*06:01,DQB1*06:04, DQB1*06:09,DPB1*04:02	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+			+		+						LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8103		+	+	+	+	+			+	+	+	+	+			+	+	+		+	DR1,DR11	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
8125		+	+	+	+	+	+	+		+	+		+		+	+	+		+	+	DQ1,DPA1*02	LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB

Table 21. Individual laboratory results for Serum #1345 - 1346 by Single Antigen - class II

**** Serum 1345 ****										**** Serum 1346 ****			
Ctr	% POS	DQA1*05	DQA1*06	DR16	DR9	DQ6	DQ7	DR15	Other	% POS		Other	Method
615	0									0			LMX-SAB
725													LMX-SAB
910		+	+		+				DQA1*05:01,DQA1*05:05, DQB1*06:01	0			LMX-SAB
2400					+				DR51,DP11,DP13	0			LMX-SAB
3224	0									0			LMX-SAB
3753	0									0			LMX-SAB
3766	0									0			LMX-SAB
3808	0									0			LMX-SAB
3966													LMX-SAB
4079	0									0			LMX-SAB
4322		+	+	+	+	+	+	+	DR1,DR4,DR13,DR14 >				LMX-SAB
5219	6			+		+		+	DR2,DR3,DR5,DR11 >	0			LMX-SAB
5462	0									0			LMX-SAB
6649	0									0			LMX-SAB
8082		+	+	+	+	+	+	+	DR1,DR4,DR13,DR14 >				LMX-SAB
8087	0									0			LMX-SAB
8090		+	+	+				+	DRB1*16:02,DQB1*03:19	0			LMX-SAB
8098													LMX-SAB
8100		+	+	+				+		0			LMX-SAB
8103		+	+	+	+	+			DR1,DR3,DR4,DR11 >				LMX-SAB
8112					+			+		0			LMX-SAB
8125						+			DQ5				LMX-SAB
8128	0									0			LMX-SAB