

SERUM EXCHANGE #586 MAY 4, 2022

Sera	1337-1341
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The results for **Serum Exchange 586 (sera 1337 - 1341)**, are summarized in Tables 1 – 8 and individual laboratory results by method are listed in Tables 9 - 22. Sera strongly positive to a number of class I and II specificities

including A2, A9 (A23, A24), B8, Cw7, DQ1 (DQ5, DQ6), and DQ3 (DQ7, DQ8) were examined in this study.

1337	method	#labs	NEG	A23	A24	A2403	B35	B53	B51	B78	B7801	Cw4	Cw18	Cw2	Cw7	A2	A29	A68	A69
class I	AHG	1	no consensus																
	C1q	3	100%																
	PRA	6		83%	83%	17%													
	SAB	23		100%	100%	22%	48%	43%	39%	26%	13%	13%	9%	9%	9%	4%	4%	4%	4%

1337	method	#labs	DQ7	DQ8	DQ9	DP14	DP17	DP9	DR11	DP20	DP18	DP28	DP10	DQ2	DPw3	DPw6	DPw2	DQA1*05
class II	C1q	2	50%	50%														
	PRA	4	67%	67%	67%	17%	17%	17%	50%	17%	17%	17%	17%	33%				
	SAB	22	95%	95%	95%	100%	100%	100%	82%	77%	68%	68%	55%	9%	100%	100%	68%	59%

1337	method	#labs	DPw4	DP19	DP402	DQA1*06	DP11	DPA1*03	DQA1*03	DPA1*01	DPA1*04	DQ3	DPA1*02	DPw1	DR52	DP26	DPw5	DR5
	SAB	22	50%	27%	27%	23%	18%	18%	18%	14%	14%	14%	9%	9%	9%	5%	5%	5%

Serum 1337. Anti-A23 (10752) and –A24 (9010) reactivity was detected in this sample by Luminex-PRA and SAB labs. In addition, some SAB labs reported weak (MFI < 2000) reactivity to 5C and C-locus specificities. Labs reporting by C1q detected no C1q binding of class I antibodies.

Class II reactivity was detected by C1q, PRA, and SAB labs. Each reported anti-DQ7 (13883) and –DQ8 (12959) reactivity. Additional reactivity to DQ9 (11911), DR11 (1664), DP14 (5656), DP17 (5945), and DP9 (6679) was also reported by Luminex-PRA and SAB. Reactivity to other DP specificities, as well as reactivity to a number of DQA1 antibodies was detected by SAB.

*(median MFI by SAB)

1338	method	#labs	Cw7	Cw5	Cw8	A2	B35	B46	B49	B50	B53	B62	B63	B71	B72	B73	B75	B77	B56	B52	B51	B78	B7801	B57	Cw17
class I	AHG	1	no consensus																						
	C1q	3	100%	67%	67%																				
	PRA	5	40%	40%	40%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	40%	40%	40%		40%	20%
	SAB	23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	91%	87%	13%	83%	96%

1338	method	#labs	Cw10	Cw16	Cw9	A69	A68	A66	A6601	B58	A203	B39	B76	Cw12	Cw1	Cw14	A25	A33	A24	A32	B15	A36	A43	B21	B22
	PRA	5	20%	20%		40%																			
	SAB	23	65%	43%	35%	70%	65%	35%	9%	30%	26%	22%	22%	22%	17%	17%	17%	13%	9%	9%	9%	4%	4%	4%	4%

1338	method	#labs	NEG	DR11	DR12	DR13	DR14	DR1403	DR1404	DR17	DR18	DR52	DR15	DR16	DR2
class II	C1q	2	100%												
	PRA	4		80%	80%	80%	80%			80%	80%	80%	40%	40%	
	SAB	22		100%	100%	100%	100%	14%	14%	100%	95%	100%	100%	100%	5%

1338	method	#labs	DR8	DR7	DR103	DR9	DR4	DR51	DR3	DP11	DP18	DP28	DPw2	DQ3
	PRA	4	80%	40%	40%	40%								
	SAB	22	100%	100%	95%	95%	82%	32%	9%	5%	5%	5%	5%	5%

Serum 1338. C-locus reactivity (Cw5, Cw7, Cw8) was detected in this sample by C1q, Luminex-PRA, and SAB, with SAB reporting MFI values of 9321, 11954, and 10509, respectively. In addition, PRA and SAB detected anti-A2 (3547) and -B56 (4798) reactivity, along with reactivity to a number of 5C specificities, including B35 (4217), B46 (5520), B49 (5769), B50 (5034), and

B73 (7737).

Reactivity to a number of DR specificities, including DR11 (7924), DR12 (6585), DR13 (10466), DR14 (8383), DR17 (8737), and DR18 (8151) was reported by PRA and SAB. Labs reporting by C1q did not detect C1q binding of class II antibodies in this sample.

*(median MFI by SAB)

1339	method	#labs	B8	A2	A68	A69	A24	A2403	A23	B13	B18	B35	B37	B38	B41	B44	B45	B47	B49	B50	B53	
class I	AHG	1	no consensus																			
	C1q	3	100%	100%	100%	100%	100%															
	PRA	5	80%	80%	80%	80%	80%		80%	80%	80%	80%	80%	40%	80%	40%	40%	80%	80%	80%	80%	
	SAB	23	100%	100%	100%	100%	100%	22%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
1339	method	#labs	B57	B58	B62	B71	B72	B75	B76	B77	B59	B60	B61	B48	B54	B78	B7801	B64	B39	B3901	B51	B52
	PRA	5	80%	40%	80%	80%	80%	80%	25%	40%	80%	80%	80%	40%	40%	40%		80%	80%		40%	80%
	SAB	23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	96%	96%	22%	100%	91%	22%	91%	87%
1339	method	#labs	B46	B65	Cw9	Cw10	B55	B56	A203	B7	B703	B40	B82	Bw4	Bw6	A2C	B14	B15	A11	A1101	A28	A9
	PRA	5	80%	25%	25%	25%	25%	25%														
	SAB	23	83%	83%	87%	83%	65%	57%	26%	17%	13%	13%	13%	13%	13%	9%	9%	9%	4%	4%	4%	4%

1339	method	#labs	DQ2	DQ7	DQ8	DQ9	DQ4	DQ5	DR4	DP9	DP10	DP11	DP13	DP14	DP15	DP17	DP18	DP28
class II	C1q	2	100%															
	PRA	4	80%	80%	80%	80%	40%	20%	40%	20%	20%	20%	20%	20%	20%	20%	20%	20%
	SAB	22	100%	95%	95%	95%	86%	55%	86%	77%	59%	45%	50%	77%	73%	77%	23%	36%
1339	method	#labs	DPA1*02	DPA1*04	DQA1*03	DPw5	DQA1*04	DQA1*05	DQA1*06	DPw6	DPw1	DPw3	DR53	DP19	DQA1*02	DQ3	DQA1*01	
	SAB	22	77%	64%	59%	55%	50%	45%	41%	32%	27%	23%	23%	18%	18%	14%	5%	

Serum 1339. Strong anti-B8 (20457), -A2 (22464), -A68 (17292), -A69 (18395), and -A24 (14112) reactivity was detected in this sample by various methods. Reactivity to B44 (6615), B45 (9090), B49 (9399), B57 (9381), B60 (8780), B61 (8092), and B62 (6493) was also reported by AHG, Luminex-PRA, and SAB. In addition, PRA and SAB labs reported reactivity to a number

of 5C, 7C, and 8C specificities.

Strong DQ2 (12812) reactivity was also reported in this cell by C1q, PRA, and SAB. Additional reactivity to DR4 (1522), DQ and DP specificities, including DQ7 (6070), DQ8 (3918), DQ9 (3804), DP9 (5267), DP14 (5070), DP15 (3169), and DP17 (4945) was reported by PRA and SAB labs.

*(median MFI by SAB)

1340	method	#labs	B49	B51	B52	B53	B57	B58	B59	B63	A25	A32	A2	A23	A24	A2403	B37	B44	B38	B77	B78	B7801	B47	B35	B18	
class I	AHG	1	no consensus																							
	C1q	3	100%	100%	67%	67%	100%	67%	100%	67%	33%	100%														
	PRA	5	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	
	SAB	23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	23%	100%	100%	100%	100%	100%	91%	9%	95%	86%	82%

1340	method	#labs	B13	B27	B2705	Cw17	Cw15	Cw5	Cw6	Cw18	Cw2	B75	A69	Bw4	A203	Cw4	B15	A10	A19	A2C	A9	B12	B16	B17	B21
	PRA	5	50%	25%		50%	50%	50%	50%	50%	50%														
	SAB	23	86%	82%	45%	86%	82%	82%	82%	77%	50%	41%	36%	36%	23%	14%	9%	5%	5%	5%	5%	5%	5%	5%	5%

1340	method	#labs	DQ5	DQ6	DR17	DR18	DR13	DR14	DR8	DR11	DR12	DR1403	DR1404	DR103	DR15	DR16	DQ4	DR52	DR7	DR51	DR4	
class II	C1q	2	100%	100%	100%	50%	100%	50%	50%	50%												
	PRA	4	75%	75%	75%	75%	75%	75%	75%	75%	75%			75%	75%	75%	75%	50%	50%	25%	25%	
	SAB	22	100%	100%	100%	95%	100%	100%	100%	100%	100%	14%	14%	100%	100%	100%	100%	100%	100%	91%	82%	

1340	method	#labs	DQ2	DQ7	DQA1*01	DPw1	DPw2	DQA1*03	DQA1*05	DP18	DP28	DR1	DR3	DP11	DP15	DP402	DPw4	DPA1*01	DPA1*04	DQA1*04	DQ1	
class II	C1q	2																				
	PRA	4	25%	25%																		
	SAB	22			45%	18%	18%	18%	18%	14%	14%	9%	9%	5%	5%	5%	5%	5%	5%	5%	5%	5%

Serum 1340. This sample was strongly positive for a number of class I and class II specificities, including B49 (18620), B51 (17132), B52 (12769), B53 (11718), B57 (16287), B58 (12600), B59 (15363), B63 (15267), A25 (16490), A32 (18491), DQ5 (16450), DQ6 (18384), DR17 (13050), DR18 (12305),

DR13 (18180), DR14 (11238), DR11 (12257), and DR8 (9573). Each were detected by various method types, including C1q.

*(median MFI by SAB)

1341	method	#labs	B51	B52	B78	B7801	B73	B18	B64	B65	A33	A34	A25	A32	A23	A24	A2403	A3	B13	B35	B37	B44	B38
class I	AHG	1	no consensus																				
	C1q	3	100%	100%	100%		100%	100%	100%	100%	100%												
	PRA	5	75%	50%	75%		75%	75%	75%	50%	75%	75%	75%	75%	75%	75%		75%	75%	75%	75%	50%	25%
	SAB	23	100%	100%	100%	18%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	23%	100%	100%	100%	100%	100%	100%
1341	method	#labs	B47	B49	B53	B54	B59	B57	B58	B63	B71	B75	B77	B8	B27	B2705	A69	B39	B3901	A68	B61	B60	A31
	C1q	3																					
	PRA	5	75%	75%	75%	50%	50%	50%	75%	50%	50%	50%	50%	50%	50%		50%	75%			25%	25%	25%
	SAB	23	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	91%	36%	86%	86%	9%	82%	77%	50%	50%
1341	method	#labs	Cw4	Bw4	A26	A66	A6602	A29	B50	B56	A30	B7	B81	Cw5	B14	B15	A10	A19	A2C	B12C	B5C	B8C	Bw6
	PRA	5	25%																				
	SAB	23	45%	41%	23%	23%	9%	23%	23%	23%	18%	18%	14%	14%	9%	9%	5%	5%	5%	5%	5%	5%	5%

1341	method	#labs	NEG	DR15	DR16	DPw5	DR2
class II	C1q	2	100%				
	PRA	4		75%	75%		
	SAB	22		100%	100%	5%	5%

Serum 1341. Strong reactivity to B51 (17755), B52 (10050), B78 (18235), B73 (11911), B18 (19082), B64 (17154), B65 (14656), and A33 (11508) were detected in this sample by various methods. Additional reactivity to a number of other class I specificities, including A25 (9068), A32 (10208), A23 (9068),

A24 (8097), A3 (12565), B49 (10238), B53 (9020), B59 (8495), B57 (10328), and B58 (7821) was reported by PRA and SAB labs. Anti-DR15 and –DR16 reactivity was also detected by PRA and SAB. Labs reporting by C1q detected no C1q binding of class II antibodies.

*(median MFI by SAB)

NEXT MAILING DATE: October 5, 2022

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Table 1. Summary of the 586th Serum Exchange (Serum #1337-1341) by Antiglobulin - class I

Method: Antiglobulin														
*** Serum 1337 ***			*** Serum 1338 ***			*** Serum 1339 ***			*** Serum 1340 ***			*** Serum 1341 ***		
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
NEG	-	-	NEG	-	-	No consensus			No consensus			No consensus		

Table 2. Summary of the 586th Serum Exchange (Serum #1337-1341) by C1q - class I

Method: C1q														
*** Serum 1337 ***			*** Serum 1338 ***			*** Serum 1339 ***			*** Serum 1340 ***			*** Serum 1341 ***		
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
NEG	100%	-	Cw7	100%	100%	A2	100%	100%	A32	100%	100%	A33	100%	100%
			Cw5	67%	100%	A24	100%	100%	B49	100%	100%	B18	100%	100%
			Cw8	67%	100%	A68	100%	100%	B51	100%	100%	B51	100%	100%
						A69	100%	100%	B57	100%	100%	B52	100%	100%
						B8	100%	100%	B59	100%	100%	B64	100%	100%
									B52	67%	100%	B65	100%	100%
									B53	67%	100%	B73	100%	100%
									B58	67%	100%	B78	100%	100%
									B63	67%	100%			
									A25	33%	100%			

Table 3. Summary of the 586th Serum Exchange (Serum #1337-1341) by PRA - class I

Method: Luminex-PRA														
*** Serum 1337 ***			*** Serum 1338 ***			*** Serum 1339 ***			*** Serum 1340 ***			*** Serum 1341 ***		
6 typing Labs			5 typing Labs			5 typing Labs			4 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A23	83%	100%	A2	60%	100%	A2	80%	100%	A2	75%	100%	A23	75%	100%
A24	83%	100%	B35	60%	100%	A23	80%	100%	A23	75%	100%	A24	75%	100%
A2403	17%	100%	B46	60%	100%	A24	80%	100%	A24	75%	100%	A25	75%	100%
			B49	60%	100%	A68	80%	100%	A25	75%	100%	A3	75%	100%
			B50	60%	100%	A69	80%	100%	A32	75%	100%	A32	75%	100%
			B53	60%	100%	B13	60%	100%	B18	75%	100%	A33	75%	100%
			B56	60%	100%	B18	60%	100%	B35	75%	100%	A34	75%	100%
			B62	60%	100%	B35	60%	100%	B37	75%	100%	A68	75%	100%
			B63	60%	100%	B37	60%	100%	B38	75%	100%	B13	75%	100%
			B71	60%	100%	B39	60%	100%	B44	75%	100%	B18	75%	100%
			B72	60%	100%	B41	60%	100%	B47	75%	100%	B35	75%	100%
			B73	60%	100%	B46	60%	100%	B49	75%	100%	B37	75%	100%
			B75	60%	100%	B47	60%	100%	B51	75%	100%	B39	75%	100%
			B77	60%	100%	B49	60%	100%	B52	75%	100%	B47	75%	100%
			A69	40%	100%	B50	60%	100%	B53	75%	100%	B49	75%	100%
			B51	40%	100%	B52	60%	100%	B57	75%	100%	B51	75%	100%
			B52	40%	100%	B53	60%	100%	B58	75%	100%	B53	75%	100%
			B57	40%	100%	B57	60%	100%	B59	75%	100%	B58	75%	100%
			B78	40%	100%	B59	60%	100%	B63	75%	100%	B64	75%	100%
			Cw5	40%	100%	B60	60%	100%	B77	75%	100%	B73	75%	100%
			Cw7	40%	100%	B61	60%	100%	B78	75%	100%	B78	75%	100%
			Cw8	40%	100%	B62	60%	100%	B13	50%	100%	A69	50%	100%
			Cw10	20%	100%	B64	60%	100%	Cw15	50%	100%	B27	50%	100%
			Cw16	20%	100%	B71	60%	100%	Cw17	50%	100%	B44	50%	100%
			Cw17	20%	100%	B72	60%	100%	Cw18	50%	100%	B52	50%	100%
						B75	60%	100%	Cw2	50%	100%	B54	50%	100%
						B8	60%	100%	Cw5	50%	100%	B57	50%	100%
						B38	40%	100%	Cw6	50%	100%	B59	50%	100%
						B44	40%	100%	B27	25%	100%	B63	50%	100%
						B45	40%	100%				B65	50%	100%
						B48	40%	100%				B71	50%	100%
						B51	40%	100%				B75	50%	100%
						B54	40%	100%				B77	50%	100%
						B58	40%	100%				B8	50%	100%
						B77	40%	100%				A31	25%	100%

Table 4. Summary of the 586th Serum Exchange (Serum #1337-1339) by Single Antigen - class I

Method: Luminex - SAB											
*** Serum 1337 ***			*** Serum 1338 ***			*** Serum 1339 ***					
23 typing Labs			23 typing Labs			23 typing Labs			23 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A23	100%	100%	A2	100%	100%	A2	100%	100%	B52	87%	100%
A24	100%	100%	B35	100%	100%	A23	100%	100%	Cw9	87%	100%
B35	48%	100%	B46	100%	100%	A24	100%	100%	B46	83%	100%
B53	43%	100%	B49	100%	100%	A68	100%	100%	B65	83%	100%
B51	39%	100%	B50	100%	100%	A69	100%	100%	Cw10	83%	100%
B78	26%	100%	B53	100%	100%	B13	100%	100%	B55	65%	100%
A2403	22%	100%	B56	100%	100%	B18	100%	100%	B56	57%	100%
B7801	13%	100%	B62	100%	100%	B35	100%	100%	A203	26%	100%
Cw4	13%	100%	B63	100%	100%	B37	100%	100%	A2403	22%	100%
Cw18	9%	100%	B71	100%	100%	B38	100%	100%	B3901	22%	100%
Cw2	9%	100%	B72	100%	100%	B41	100%	100%	B7801	22%	100%
Cw7	9%	100%	B73	100%	100%	B44	100%	100%	B7	17%	100%
A2	4%	100%	B75	100%	100%	B45	100%	100%	B40	13%	100%
A29	4%	100%	B77	100%	100%	B47	100%	100%	B703	13%	100%
A68	4%	100%	Cw5	100%	100%	B49	100%	100%	B82	13%	100%
A69	4%	100%	Cw7	100%	100%	B50	100%	100%	Bw4	13%	100%
A9	4%	100%	Cw8	100%	100%	B53	100%	100%	Bw6	13%	100%
B5	4%	100%	B52	96%	100%	B57	100%	100%	A2C	9%	100%
B54	4%	100%	Cw17	96%	100%	B58	100%	100%	B14	9%	100%
B67	4%	100%	B51	91%	100%	B59	100%	100%	B15	9%	100%
B75	4%	100%	B78	87%	100%	B60	100%	100%	A11	4%	100%
B77	4%	100%	B57	83%	100%	B61	100%	100%	A1101	4%	100%
Bw4	4%	100%	A69	70%	100%	B62	100%	100%	A28	4%	100%
Bw6	4%	100%	A68	65%	100%	B64	100%	100%	A9	4%	100%
Cw12	4%	100%	Cw10	65%	100%	B71	100%	100%	B12	4%	100%
Cw14	4%	100%	Cw16	43%	100%	B72	100%	100%	B12C	4%	100%
Cw15	4%	100%	A66	35%	100%	B75	100%	100%	B16	4%	100%
Cw17	4%	100%	Cw9	35%	100%	B76	100%	100%	B17	4%	100%
			B58	30%	100%	B77	100%	100%	B21	4%	100%
			A203	26%	100%	B8	100%	100%	B22	4%	100%
			B39	22%	100%	B48	96%	100%	B27	4%	100%
			B76	22%	100%	B54	96%	100%	B2708	4%	100%
			Cw12	22%	100%	B78	96%	100%	B4005	4%	100%
			A25	17%	100%	B39	91%	100%	B5C	4%	100%
			Cw1	17%	100%	B51	91%	100%	B70	4%	100%

Table 5. Summary of the 586th Serum Exchange (Serum #1340-1341) by Single Antigen - class I

Method: Luminex - SAB								
*** Serum 1340 ***			*** Serum 1341 ***					
23 typing Labs			23 typing Labs					
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A2	100%	100%	A23	100%	100%	B61	77%	100%
A23	100%	100%	A24	100%	100%	A31	50%	100%
A24	100%	100%	A25	100%	100%	B60	50%	100%
A25	100%	100%	A3	100%	100%	Cw4	45%	100%
A32	100%	100%	A32	100%	100%	Bw4	41%	100%
B37	100%	100%	A33	100%	100%	B2705	36%	100%
B38	100%	100%	A34	100%	100%	A2403	23%	100%
B44	100%	100%	B13	100%	100%	A26	23%	100%
B49	100%	100%	B18	100%	100%	A29	23%	100%
B51	100%	100%	B35	100%	100%	A66	23%	100%
B52	100%	100%	B37	100%	100%	B50	23%	100%
B53	100%	100%	B38	100%	100%	B56	23%	100%
B57	100%	100%	B44	100%	100%	A30	18%	100%
B58	100%	100%	B47	100%	100%	B7	18%	100%
B59	100%	100%	B49	100%	100%	B7801	18%	100%
B63	100%	100%	B51	100%	100%	B81	14%	100%
B77	100%	100%	B52	100%	100%	Cw5	14%	100%
B47	95%	100%	B53	100%	100%	A6602	9%	100%
B78	91%	100%	B54	100%	100%	B14	9%	100%
B13	86%	100%	B57	100%	100%	B15	9%	100%
B35	86%	100%	B58	100%	100%	B3901	9%	100%
Cw17	86%	100%	B59	100%	100%	A10	5%	100%
B18	82%	100%	B63	100%	100%	A19	5%	100%
B27	82%	100%	B64	100%	100%	A2C	5%	100%
Cw15	82%	100%	B65	100%	100%	A9	5%	100%
Cw5	82%	100%	B71	100%	100%	B12	5%	100%
Cw6	82%	100%	B75	100%	100%	B12C	5%	100%
Cw18	77%	100%	B77	100%	100%	B16	5%	100%
Cw2	50%	100%	B78	100%	100%	B17	5%	100%
B2705	45%	100%	B8	100%	100%	B21	5%	100%
B75	41%	100%	B73	95%	100%	B22	5%	100%
A69	36%	100%	B27	91%	100%	B40	5%	100%
Bw4	36%	100%	A69	86%	100%	B42	5%	100%
A203	23%	100%	B39	86%	100%	B45	5%	100%
A2403	23%	100%	A68	82%	100%	B5	5%	100%

Table 6. Summary of the 586th Serum Exchange (Serum #1337-1341) by C1q - class II

Method: C1q														
*** Serum 1337 ***			*** Serum 1338 ***			*** Serum 1339 ***			*** Serum 1340 ***			*** Serum 1341 ***		
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
DQ7	50%	100%	NEG	100%	-	DQ2	100%	100%	DQ5	100%	100%	NEG	100%	-
DQ8	50%	100%							DQ6	100%	100%			
									DR13	100%	100%			
									DR17	100%	100%			
									DR11	50%	100%			
									DR14	50%	100%			
									DR18	50%	100%			
									DR8	50%	100%			

Table 7. Summary of the 586th Serum Exchange (Serum #1337-1341) by PRA - class II

Method: Luminex-PRA														
*** Serum 1337 ***			*** Serum 1338 ***			*** Serum 1339 ***			*** Serum 1340 ***			*** Serum 1341 ***		
6 typing Labs			5 typing Labs			5 typing Labs			4 typing Labs			4 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ7	67%	100%	DR11	80%	100%	DQ2	80%	100%	DQ4	75%	100%	DR15	75%	100%
DQ8	67%	100%	DR12	80%	100%	DQ7	80%	100%	DQ5	75%	100%	DR16	75%	100%
DQ9	67%	100%	DR13	80%	100%	DQ8	80%	100%	DQ6	75%	100%			
DR11	50%	100%	DR14	80%	100%	DQ9	80%	100%	DR103	75%	100%			
DQ2	33%	100%	DR17	80%	100%	DQ4	60%	100%	DR11	75%	100%			
DP10	17%	100%	DR18	80%	100%	DR4	60%	100%	DR12	75%	100%			
DP14	17%	100%	DR52	80%	100%	DP10	20%	100%	DR13	75%	100%			
DP17	17%	100%	DR8	80%	100%	DP11	20%	100%	DR14	75%	100%			
DP18	17%	100%	DR103	40%	100%	DP13	20%	100%	DR15	75%	100%			
DP20	17%	100%	DR15	40%	100%	DP14	20%	100%	DR16	75%	100%			
DP28	17%	100%	DR16	40%	100%	DP15	20%	100%	DR17	75%	100%			
DP9	17%	100%	DR7	40%	100%	DP17	20%	100%	DR18	75%	100%			
			DR9	40%	100%	DP18	20%	100%	DR8	75%	100%			
						DP28	20%	100%	DR52	50%	100%			
						DP9	20%	100%	DR7	50%	100%			
						DQ5	20%	100%	DQ2	25%	100%			
									DQ7	25%	100%			
									DR4	25%	100%			
									DR51	25%	100%			

Table 8. Summary of the 586th Serum Exchange (Serum #1337-1341) by Single Antigen - class II

Method: Luminex - SAB														
*** Serum 1337 ***			*** Serum 1338 ***			*** Serum 1339 ***			*** Serum 1340 ***			*** Serum 1341 ***		
22 typing Labs			22 typing Labs			22 typing Labs			22 typing Labs			22 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DP14	100%	100%	DR11	100%	100%	DQ2	100%	100%	DQ4	100%	100%	DR15	100%	100%
DP17	100%	100%	DR12	100%	100%	DQ7	95%	100%	DQ5	100%	100%	DR16	100%	100%
DP9	100%	100%	DR13	100%	100%	DQ8	95%	100%	DQ6	100%	100%	DR16	100%	100%
DPw3	100%	100%	DR14	100%	100%	DQ9	95%	100%	DR103	100%	100%	DPw5	5%	100%
DPw6	100%	100%	DR15	100%	100%	DQ4	86%	100%	DR11	100%	100%	DR2	5%	100%
DQ7	95%	100%	DR16	100%	100%	DR4	86%	100%	DR12	100%	100%			
DQ8	95%	100%	DR17	100%	100%	DP14	77%	100%	DR13	100%	100%			
DQ9	95%	100%	DR52	100%	100%	DP17	77%	100%	DR14	100%	100%			
DR11	82%	100%	DR7	100%	100%	DP9	77%	100%	DR15	100%	100%			
DP20	77%	100%	DR8	100%	100%	DPA1*02	77%	100%	DR16	100%	100%			
DP18	68%	100%	DR103	95%	100%	DP15	73%	100%	DR17	100%	100%			
DP28	68%	100%	DR18	95%	100%	DPA1*04	64%	100%	DR52	100%	100%			
DPw2	68%	100%	DR9	95%	100%	DP10	59%	100%	DR7	100%	100%			
DQA1*05	59%	100%	DR4	82%	100%	DQA1*03	59%	100%	DR8	100%	100%			
DP10	55%	100%	DR51	32%	100%	DPw5	55%	100%	DR18	95%	100%			
DPw4	50%	100%	DR1403	14%	100%	DQ5	55%	100%	DR51	91%	100%			
DP19	27%	100%	DR1404	14%	100%	DP13	50%	100%	DR4	82%	100%			
DP402	27%	100%	DR3	9%	100%	DQA1*04	50%	100%	DQA1*01	45%	100%			
DQA1*06	23%	100%	DP11	5%	100%	DP11	45%	100%	DPw1	18%	100%			
DP11	18%	100%	DP18	5%	100%	DQA1*05	45%	100%	DPw2	18%	100%			
DPA1*03	18%	100%	DP28	5%	100%	DQA1*06	41%	100%	DQA1*03	18%	100%			
DQA1*03	18%	100%	DPw2	5%	100%	DP28	36%	100%	DQA1*05	18%	100%			
DPA1*01	14%	100%	DQ3	5%	100%	DPw6	32%	100%	DP18	14%	100%			
DPA1*04	14%	100%	DQA1*05	5%	100%	DPw1	27%	100%	DP28	14%	100%			
DQ3	14%	100%	DR1	5%	100%	DP18	23%	100%	DR1403	14%	100%			
DPA1*02	9%	100%	DR2	5%	100%	DPw3	23%	100%	DR1404	14%	100%			
DPw1	9%	100%	DR5	5%	100%	DR53	23%	100%	DR1	9%	100%			
DQ2	9%	100%	DR6	5%	100%	DP19	18%	100%	DR3	9%	100%			
DR52	9%	100%				DQA1*02	18%	100%	DP11	5%	100%			
DP26	5%	100%				DQ3	14%	100%	DP15	5%	100%			
DPw5	5%	100%				DQA1*01	5%	100%	DP402	5%	100%			
DR5	5%	100%							DPA1*01	5%	100%			
									DPA1*04	5%	100%			
									DPw4	5%	100%			
									DQ1	5%	100%			

Table 9. Individual laboratory results for Serum #1337 - 1341 by Antiglobulin - class I

		**** Serum 1337 ****											**** Serum 1338 ****												
Ctr	% POS												Other	% POS											Other
786	0													0											

		**** Serum 1339 ****													**** Serum 1340 ****										**** Serum 1341 ****											
Ctr	% POS	A2	A24	A68	B44	B45	B49	B57	B60	B61	B62	B8	Other	% POS	A23	A24	A25	A32	B49	B51	B52	B57	B63	Other	% POS	A24	A32	A33	B18	B51	B52	B63	B64	B65	Other	Method
786		+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+		Antiglobulin

Table 10. Individual laboratory results for Serum #1337 - 1341 by C1q - class I

**** Serum 1337 ****							**** Serum 1338 ****								
Ctr	% POS					Other	% POS	Cw7	Cw5	Cw8					Other
786	0							+	+	+					
2400	0							+	+	+					
3753	0							+							

**** Serum 1339 ****							**** Serum 1340 ****							**** Serum 1341 ****															
Ctr	% POS	A2	A24	A68	A69	B8	Other	% POS	A32	B49	B51	B57	B59	B52	B53	B58	B63	Other	% POS	A33	B18	B51	B52	B64	B65	B73	B78	Other	Method
786		+	+	+	+	+			+	+	+	+	+							+	+	+	+	+	+	+	+	C1q	
2400		+	+	+	+	+			+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	C1q	
3753		+	+	+	+	+			+	+	+	+	+	+	+	+	+	A25		+	+	+	+	+	+	+	+	C1q	

Table 11. Individual laboratory results for Serum #1337 - 1341 by PRA - class I

**** Serum 1337 ****										**** Serum 1338 ****																																	
Ctr	% POS	A23	A24	A2403		Other	% POS	A2	B35	B46	B49	B50	B53	B56	B62	B63	B71	B72	B73	B75	B77	A69	B51	B52	B57	B78	Cw5	Cw7	Cw8											Other	Method		
2400	23						57																																				
3753	26	+	+				68	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+																	
3808	3	+	+	+			NT																																				
4079	30	+	+				Multi																																				
8058	3	+	+				23	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+																				
8112		+	+					+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw10,Cw16,Cw17	LMX-PRA	

**** Serum 1339 ****																																										
Ctr	% POS	A2	A23	A24	A68	A69	B13	B18	B35	B37	B39	B41	B46	B47	B49	B50	B52	B53	B57	B59	B60	B61	B62	B64	B71	B72	B75	B8	B38	B44	B45	B48	B51	B54	B58	B77	B78	Other	Method			
2400	95																																									
3753	90	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+				+		+	+				
3808	NT																																									
4079	91	+	+	+	+	+																																				
8058	44	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+				+						
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B55,B56,B65,B76>	LMX-PRA

**** Serum 1340 ****																																											
Ctr	% POS	A2	A23	A24	A25	A32	B18	B35	B37	B38	B44	B47	B49	B51	B52	B53	B57	B58	B59	B63	B77	B78	B13	Cw15	Cw17	Cw18	Cw2	Cw5	Cw6									Other	Method				
2400	75																																										
3753	82	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																					
3808	NT																																										
4079	NT																																										
8058	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B27	LMX-PRA	

**** Serum 1341 ****																																											
Ctr	% POS	A23	A24	A25	A3	A32	A33	A34	A68	B13	B18	B35	B37	B39	B47	B49	B51	B53	B58	B64	B73	B78	A69	B27	B44	B52	B54	B57	B59	B63	B65	B71	B75	B77	B8			Other	Method				
2400	89																																										
3753	92	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		+				+	+											
3808	NT																																										
4079	NT																																										
8058	41	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,B60,B61,A31>	LMX-PRA

Table 12. Individual laboratory results for Serum #1337 by Single Antigen - class I

**** Serum 1337 ****										
Ctr	% POS	A23	A24	B35	B53	B51	B78	A2403	Other	Method
615		+	+							LMX-SAB
725		+	+	+	+	+				LMX-SAB
786		+	+	+						LMX-SAB
910		+	+							LMX-SAB
2400		+	+							LMX-SAB
3224	3	+	+							LMX-SAB
3753		+	+	+	+	+	+		B67	LMX-SAB
3766	97	+	+	+	+	+	+		Cw4,A2,B75,B54 ,B*15:02,A*68:02>	LMX-SAB
3808	3	+	+						+	LMX-SAB
3966	8	+	+	+	+	+	+			LMX-SAB
4079		+	+	+	+	+		+	B7801	LMX-SAB
4322		+	+							LMX-SAB
5219	5	+	+	+	+	+	+	+	A9,B5,B7801	LMX-SAB
5462		+	+							LMX-SAB
6649	3	+	+							LMX-SAB
8082		+	+		+					LMX-SAB
8090		+	+	+		+			A29	LMX-SAB
8098		+	+	+	+	+	+	+	Bw4,Bw6	LMX-SAB
8100		+	+							LMX-SAB
8103		+	+	+	+			+	Cw4	LMX-SAB
8112		+	+							LMX-SAB
8125		+	+	+	+	+	+		Cw4,Cw2,Cw7,Cw17 >	LMX-SAB
8128		+	+							LMX-SAB

Table 13. Individual laboratory results for Serum #1338 by Single Antigen - class I

		**** Serum 1338 ****																																							
Ctr	% POS	A2	B35	B46	B49	B50	B53	B56	B62	B63	B71	B72	B73	B75	B77	Cw5	Cw7	Cw8	B52	Cw17	B51	B78	B57	A69	A68	Cw10	Cw16	A66	Cw9	B58	A203	B39	B76	Cw12	Other	Method					
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		A25,Cw1,A6601	LMX-SAB					
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												A24,A32	LMX-SAB				
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+							A25	LMX-SAB				
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX-SAB			
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+												LMX-SAB			
3224	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								LMX-SAB			
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												A33	LMX-SAB			
3766	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							B7801,A6601	LMX-SAB			
3808	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX-SAB			
3966	33	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX-SAB		
4079		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													A32,B7801	LMX-SAB		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								Cw14	LMX-SAB		
5219	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								B15,B70,B21,B22 >	LMX-SAB		
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX-SAB	
6649	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									A25,A33,B38,Cw1 >	LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									Cw1,Cw14	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									A24,A25,A33,A36 >	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX-SAB	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									B15,Cw1,Cw3,Cw14	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										LMX-SAB	
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									B4005	LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									A43	LMX-SAB

Table 15. Individual laboratory results for Serum #1340 by Single Antigen - class I

		**** Serum 1340 ****																																								
Ctr	% POS	A2	A23	A24	A25	A32	B37	B38	B44	B49	B51	B52	B53	B57	B58	B59	B63	B77	B47	B78	B13	B35	Cw17	B18	B27	Cw15	Cw5	Cw6	Cw18	Cw2	B2705	B75	A69	Bw4	A203	A2403	Other	Method				
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,B71	LMX-SAB		
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB		
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB		
3224	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
3766	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B7801,B*15:11,B*15:02	LMX-SAB	
3808	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
3966	39	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
4079	NT																																								LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
5219	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A9,B15,A10,B21 >	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
6649	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Bw6	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,B15,B7801	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4	LMX-SAB

Table 16. Individual laboratory results for Serum #1341 by Single Antigen - class I

		**** Serum 1341 ****																																																			
Ctr	% POS	A23	A24	A25	A3	A32	A33	A34	B13	B18	B35	B37	B38	B44	B47	B49	B51	B52	B53	B54	B57	B58	B59	B63	B64	B65	B71	B75	B77	B78	B8	B73	B27	A69	B39	A68	B61	A31	B60	Cw4	Bw4	B2705	A2403										
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3224	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3766	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3808	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3966	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
4079	NT																																																				
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
5219	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
6649	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Table 16. Individual laboratory results for Serum #1341 by Single Antigen - class I, cont.

**** Serum 1341 ****							
Ctr	A26	A29	A66	B50	B56	Other	Method
615	+	+	+	+	+	B7,B45,A30,B42, A*29:02,A*30:01 >	LMX-SAB
725							LMX-SAB
786	+	+	+	+	+	B7,A30,B81	LMX-SAB
910							LMX-SAB
2400							LMX-SAB
3224	+		+	+	+	A*29:02,A*30:01,B7	LMX-SAB
3753							LMX-SAB
3766		+	+			A30,B7801,A6602,A*29:02,A*30:01,B*27:02	LMX-SAB
3808						B7801	LMX-SAB
3966							LMX-SAB
4079							LMX-SAB
4322				+	+	Cw5	LMX-SAB
5219	+					A9,B15,B70,A10 >	LMX-SAB
5462							LMX-SAB
6649							LMX-SAB
8082	+	+	+	+	+	B7,A30,B81,Cw5 >	LMX-SAB
8090		+					LMX-SAB
8098						Bw6,B3901	LMX-SAB
8100							LMX-SAB
8103						B40,B15,B14,B7801 >	LMX-SAB
8112							LMX-SAB
8125						B62	LMX-SAB
8128							LMX-SAB

Table 17. Individual laboratory results for Serum #1337 - 1341 by C1q - class II

		**** Serum 1337 ****				**** Serum 1338 ****				**** Serum 1339 ****				**** Serum 1340 ****								**** Serum 1341 ****						
Ctr	% POS	DQ7	DQ8	Other	% POS			Other	% POS	DQ2			Other	% POS	DQ5	DQ6	DR13	DR17	DR11	DR14	DR18	DR8	Other	% POS			Other	Method
2400		+	+		0					+					+	+	+	+	+	+	+	+		0				C1q
3753	0				0					+					+	+	+	+						0				C1q

Table 18. Individual laboratory results for Serum #1337 - 1341 by PRA - class II

**** Serum 1337 ****									**** Serum 1338 ****																		
Ctr	% POS	DQ7	DQ8	DQ9	DR11	DQ2		Other	% POS	DR11	DR12	DR13	DR14	DR17	DR18	DR52	DR8	DR103	DR15	DR16	DR7	DR9			Other	Method	
2400	63								91																		LMX-PRA
3753	47	+	+	+	+				90	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-PRA
3808	16								NT																		LMX-PRA
4079	63	+	+	+	+				91	+	+	+	+	+	+	+	+										LMX-PRA
8058	22	+	+	+		+			16	+	+	+	+	+	+	+	+										LMX-PRA
8112		+	+	+	+	+		DP9,DP10,DP17,DP18 >		+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-PRA

**** Serum 1339 ****									**** Serum 1340 ****																		
Ctr	% POS	DQ2	DQ7	DQ8	DQ9	DQ4	DR4	Other	% POS	DQ4	DQ5	DQ6	DR103	DR11	DR12	DR13	DR14	DR15	DR16	DR17	DR18	DR8	DR52	DR7	Other	Method	
2400	71								100																		LMX-PRA
3753	93	+	+	+	+	+	+		97	+	+	+	+	+	+	+	+	+	+	+	+	+		+			LMX-PRA
3808	NT								NT																		LMX-PRA
4079	71	+	+	+	+		+		NT																		LMX-PRA
8058	14	+	+	+	+	+			40	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DQ2,DQ7,DR4,DR51	LMX-PRA	
8112		+	+	+	+	+	+	DQ5,DP9,DP10,DP11 >		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-PRA

**** Serum 1341 ****							
Ctr	% POS	DR15	DR16				Other
2400	20						
3753	20	+	+				
3808	NT						
4079	NT						
8058	5	+	+				
8112		+	+				

Table 19. Individual laboratory results for Serum #1337 by Single Antigen - class II

		**** Serum 1337 ****																				
Ctr	% POS	DP14	DP17	DP9	DPw3	DPw6	DQ7	DQ8	DQ9	DR11	DP20	DP18	DP28	DPw2	DQA1*05	DP10	DPw4	DP19	DP402	DQA1*06	Other	Method
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		DPB1*04:02, DQA1*05:05, DQA1*05:03	LMX-SAB
725		+	+	+	+	+				+		+	+	+			+				DQ3	LMX-SAB
910		+	+	+	+	+	+	+	+	+	+				+						DQA1*05:01	LMX-SAB
2400		+	+	+	+	+	+	+	+		+											LMX-SAB
3224	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+	+	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+				+							LMX-SAB
3766	64	+	+	+	+	+	+	+	+	+	+		+	+	+	+			+		DQA1*05:01/DQB1*02:01	LMX-SAB
3808	16	+	+	+	+	+	+	+	+													LMX-SAB
3966	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	DPA1*01,DPA1*02,DPA1*03,DPA1*04 >	LMX-SAB
4079		+	+	+	+	+	+	+	+	+		+		+					+			LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	DR52,DPw1,DPw5,DP11 >	LMX-SAB
5219	16	+	+	+	+	+	+	+	+	+	+	+	+	+			+		+		DR5,DQ3	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
6649	31	+	+	+	+	+	+	+	+		+											LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR52,DP11,DPA1*01,DPA1*03 >	LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			DP11,DPA1*03	LMX-SAB
8098		+	+	+	+	+	+	+	+	+		+	+	+	+		+					LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+			DQ2,DPw1,DP11	LMX-SAB
8103		+	+	+	+	+	+	+		+					+					+	DQ3,DQA1*03	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+				DQ2	LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+	+			+					DP26	LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB

Table 20. Individual laboratory results for Serum #1338 by Single Antigen - class II

**** Serum 1338 ****																		
Ctr	% POS	DR11	DR12	DR13	DR14	DR15	DR16	DR17	DR52	DR7	DR8	DR103	DR18	DR9	DR4	DR51	Other	Method
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*04:02, DRB5*01:01	LMX-SAB
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+		DRB1*04:02	LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
3224	24	+	+	+	+	+	+	+	+	+	+	+	+	+			DRB1*04:02	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+		DRB1*04:02	LMX-SAB
3766	90	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*04:02, DRB5*01:01	LMX-SAB
3808	29	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DR1403,DR1404	LMX-SAB
3966	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
4079		+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
5219	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+		DR2,DR3,DR5,DR6 >	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
6649	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1403,DR1404,DPw2,DP18 >	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8103		+	+	+	+	+	+	+	+	+	+	+		+	+		DR1,DR3,DQ3,DP11 >	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+		+					LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB

Table 21. Individual laboratory results for Serum #1339 by Single Antigen - class II

		**** Serum 1339 ****																												
Ctr	% POS	DQ2	DQ7	DQ8	DQ9	DQ4	DR4	DP14	DP17	DP9	DPA1*02	DP15	DPA1*04	DP10	DQA1*03	DPW5	DQ5	DP13	DQA1*04	DP11	DQA1*05	DQA1*06	DP28	DPW6	DPW1	DP18	DPW3	DR53	Other	Method
615		+	+	+	+	+	+				+		+				+											+	DQB1*05:01	LMX-SAB
725		+				+	+	+	+	+	+	+	+		+			+	+	+	+	+	+						DQ3,DP19	LMX-SAB
910		+	+	+	+	+	+				+						+												DQB1*05:01,DPA1*02:01,DPA1*02:02	LMX-SAB
2400		+	+	+	+	+	+	+	+	+		+		+	+	+		+	+	+			+	+	+	+	+			LMX-SAB
3224	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+		+							DQB1*05:01, DQA1*02	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												DQB1*05:01	LMX-SAB
3766	428	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+							+				DQA1*05:01,DPA1*02:01,DPA1*04:01	LMX-SAB	
3808	43	+	+	+	+	+	+	+	+	+	+	+	+		+			+	+	+	+	+	+					DP19	LMX-SAB	
3966	45	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*02	LMX-SAB
4079		+	+	+	+	+	+				+		+																	LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			+	DQA1*01,DQA1*02	LMX-SAB
5219	35	+	+	+	+	+	+	+	+	+	+	+	+		+			+	+	+	+	+	+						DQ3,DP19	LMX-SAB
5462		+	+	+	+						+				+							+								LMX-SAB
6649	41	+	+	+	+	+		+	+	+				+	+	+		+		+				+	+	+	+			LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			+		+						+	DQA1*02	LMX-SAB
8090		+	+	+	+		+	+	+	+	+	+	+	+	+	+	+													LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+		+			+	+	+	+	+	+						DP19	LMX-SAB
8100		+	+	+	+	+	+	+	+	+		+		+	+	+	+	+		+			+	+	+	+	+			LMX-SAB
8103		+	+	+	+		+	+	+	+	+	+	+	+	+	+	+		+		+	+							DQ3	LMX-SAB
8112		+	+	+	+	+	+	+	+	+		+		+	+	+	+	+		+			+	+	+	+	+			LMX-SAB
8125		+	+	+	+	+		+	+	+		+		+	+	+		+												LMX-SAB
8128		+	+	+	+	+	+				+						+											+		LMX-SAB

Table 22. Individual laboratory results for Serum #1340 - 1341 by Single Antigen - class II

		**** Serum 1340 ****																	**** Serum 1341 ****						
Ctr	% POS	DQ4	DQ5	DQ6	DR103	DR11	DR12	DR13	DR14	DR15	DR16	DR17	DR52	DR7	DR8	DR18	DR51	DR4	DQA1*01	Other	% POS	DR15	DR16	Other	Method
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1,DPw1,DPw2,DPw4, DRB5*01:01,DRB1*04:02, DPB1*04:02 >		+	+		LMX-SAB
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*04:02, DRB5*01:01		+	+		LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw1		+	+		LMX-SAB
3224	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw2,DP18,DP28,DRB1*04:02, DRB5*01:01	5	+	+		LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*04:02, DRB5*01		+	+		LMX-SAB
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*04:02,DRB5*01:01, DPA1*02:01/DPB1*01:01	26	+	+		LMX-SAB
3808	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1403,DR1404	5	+	+		LMX-SAB
3966	39	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw1,DQA1*03	5	+	+		LMX-SAB
4079	NT																				NT				LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw2,DP18,DP28,DPA1*01 >		+	+		LMX-SAB
5219	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR2,DR3,DR5,DR6 >	5	+	+	DR2	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
6649	39	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		5	+	+		LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw2,DQA1*03,DQA1*05		+	+		LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1403,DR1404		+	+		LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw1		+	+		LMX-SAB
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1,DR3,DQA1*03,DQA1*05		+	+	DPw5	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+		LMX-SAB