

# SERUM EXCHANGE #590

## AUGUST 14, 2023

Sera      1357 - 1361

The results for **Serum Exchange 590 (sera 1357 - 1361)**, are summarized in Tables 1 – 7 and individual laboratory results by method are listed in

Tables 8 - 21. Sera strongly positive to A2, B27, B35, B49, DQ3 (DQ7, DQ8, DQ9), and DR51 were examined in this study.

1357	method	#labs	B27	B2708	B2705	B42	B67	B7	B81	B55	B56	B54	B8101	B60	B61	B82	B8201	B73	B57	B58	B63	B13	B47	A25	A2	A32		
class I	AHG	1	no consensus																									
	C1q	2	100%			100%	100%	100%	100%	100%	50%			50%	50%	50%												
	PRA	5	80%	20%		80%	80%	80%	80%	80%	80%	80%		60%	60%	40%		40%	60%	60%	60%	60%	60%	60%	60%	60%		
	SAB	25	100%	32%	16%	100%	100%	100%	100%	100%	100%	100%	12%	96%	92%	96%	12%	100%	100%	100%	100%	96%	96%	100%	96%	96%		

1357	method	#labs	Cw 2	B48	B8	A66	A6602	A24	A2403	A23	Cw 17	B41	A203	B64	B703	B18	B22	Cw 7	A10	B15	B17	Bw 6	Cw 14	A19	B40	Bw 4	Cw 12
	PRA	5	20%	60%	20%	40%		20%		20%		40%	20%		20%	20%	20%	20%									
	SAB	25	96%	92%	84%	80%	44%	72%	8%	68%	68%	56%	28%	20%	16%	8%	8%		8%	8%	8%	8%	8%	4%	4%	4%	

1357	method	#labs	NEG	DPw 1
class II	C1q	1	NT	
	PRA	5	100%	
	SAB	17	88%	12%

**Serum 1357.** Strong anti-B7 (24212), -B27 (20512), -B22 (B55) (18517), and -B40 (B61) (17167) reactivity was detected in this sample by all methods. Each were assigned by  $\geq 90\%$  of SAB labs. Additional reactivity to A25 (11846), A2 (3747), A32 (8348), as well as reactivity to a number of 7C and

5C specificities was reported by various methods. Allele specific B\*27:08 (12521), B\*27:05 (12109), and A\*66:02 (15511) reactivity was also reported by a number of labs.

This sample was reported as negative for class II by PRA and SAB.

\*(median MFI by SAB)

<b>1358</b>	method	#labs	A2	A68	A69	B57	B58	B49	B51	B53	B63	B77	B38	B44	B59				
class I	AHG	1	no consensus																
	C1q	2	100%	100%	100%	100%	100%												
	PRA	5	80%	80%	60%	60%	60%	60%	60%	60%	40%	60%	60%	60%					
	SAB	26	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%				
<b>1358</b>	method	#labs	A23	A24	A2403	A25	A32	B37	B52	B13	B47	B27	B2705	Bw 4	A203	B39	B67	B62	B15
	PRA	5	60%	60%	20%	60%	60%	60%	60%	60%	60%	60%			20%	20%	20%		
	SAB	26	100%	96%	35%	100%	96%	96%	96%	92%	92%	88%	31%	42%	35%		15%	12%	
<b>1358</b>	method	#labs	Cw 7	A10	A19	A28	A9	B12	B17	B21	B5	Cw 4	A10C	A2C	A66	A6602	B16	B7	Cw 2
	SAB	26	12%	8%	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%	4%	4%
<b>1358</b>	method	#labs	DR7	DQ7	DQ8	DQ9	DQ3	DR12	DR9	DQ6	DQ4	DR52	DQ2	DQA1*02	DQA1*03				
class II	C1q	1	no consensus																
	PRA	5	80%	80%	80%	80%	80%		60%	60%	60%	40%	40%	40%					
	SAB	25	100%	100%	100%	100%	100%	12%	100%	100%	96%	92%	92%	76%	48%				
<b>1358</b>	method	#labs	DQA1*04	DQA1*05	DQA1*06	DQA1*01	DR53	DR17	DR18	DR13	DR11	DR51	DQ1	DR5	DR14				
	PRA	5						20%	20%	20%	20%	20%							
	SAB	25	32%	32%	32%	20%	4%						8%	8%	4%				

**Serum 1358.** This sample was reported as strongly positive for A2 (20173), A68 (18810), A69 (19770), B57 (16723), and B58 (17496) by all methods. Additional anti-B38 (12121), -B44 (6589), -A23 (14954), -A24 (15164), -A25 (13166), -A32 (15766), -B37 (9670) reactivity, along with reactivity to a number of 5C and 7C specificities was detected by PRA and SAB. Allele specific A\*24:03 (8517) and B\*27:05 (6133) reactivity was also reported by labs.

Strong class II reactivity was detected in this sample, with C1q, PRA, and

SAB reporting positivity to DR7 (18711), DQ7 (15674), DQ8 (16138), and DQ9 (15837). Each were reported by 100% of SAB labs. Reactivity to a number of additional DR and DQ specificities, including DR12 (8179), DR9 (9462), DR52 (9567), DQ6 (3993), DQ4 (5556), and DQ2 (5038) was reported by PRA and SAB. Strong anti-DQA1\*02 (11488), DQA1\*03 (10201), DQA1\*05 (14541), DQA1\*06 (13498) reactivity, along with allele specific DRB3\*01:01 and DRB3\*03:01 reactivity, was also reported by SAB labs.

\*(median MFI by SAB)

<b>1359</b>	method	#labs	A32	B49	B51	B52	B53	B57	B58	B63	B77	B37	B44	B47	B38	B59	B27	B2705	B2708	A25	A23	A24	A2403	B35	B50	B62		
class I	AHG	1	no consensus																									
	C1q	2	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%											
	PRA	5	80%	80%	80%	80%	80%	80%	80%	80%	50%	50%	50%	50%	50%	50%	50%			80%	80%	80%	20%	50%	50%	50%		
	SAB	26	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	27%	4%	100%	100%	92%	31%	92%	92%	92%		
<b>1359</b>	method	#labs	B71	B72	B75	B56	B78	B7801	B13	Bw 4	B64	B65	Cw 17	Cw 2	Cw 4	Cw 18	Cw 15	Cw 6	Cw 5	B46	Cw 10	Cw 9	Cw 16	B81	B8101	B48		
	C1q	2								50%																		
	PRA	5	50%	50%	50%	40%	40%		40%		20%	20%	20%	40%	20%	40%								20%				
	SAB	26	92%	92%	88%	92%	81%	15%	65%	35%			92%	92%	88%	85%	92%	77%	65%	35%	35%	27%	19%	4%	4%	23%		
<b>1359</b>	method	#labs	B4005	B7	B15	B18	A10	A19	A9	B12	B45	B16	B17	B21	B5	B76	B40	B60	B61	B55	B41	B67	Cw 1	Cw 14	Cw 3	Cw 403	Cw 8	
	SAB	26	19%	19%	15%	15%	8%	8%	8%	8%	4%	8%	8%	8%	8%	4%	8%	8%	4%	4%	4%	8%	4%	4%	4%	4%		
<b>1359</b>	method	#labs	DQ7	DQ8	DQ9	DQ3	DR4	DR1	DR53	DR11	DP18	DP28	DPw 2	DPw 4	DP402	DR14												
class II	C1q	1	NT																									
	PRA	4	80%	80%	80%	20%	60%	80%	60%	60%	20%	20%																
	SAB	21	100%	96%	100%	12%	96%	92%	92%	84%	80%	80%	84%	72%		32%	64%											
<b>1359</b>	method	#labs	DQ4	DP10	DQA1*05	DQA1*03	DR9	DP17	DP9	DP14	DPw 6	DR10	DR7	DR103	DR12	DR15												
	PRA	4						20%	20%	20%	20%	20%	20%	20%	20%													
	SAB	21	60%	52%	56%	40%	36%	44%	44%	40%	40%	8%	4%															
<b>1359</b>	method	#labs	DR16	DR51	DR8	DP20	DQ2	DQA1*06	DQA1*02	DPA1*04	DPA1*01	DPA1*02	DP105	DQA1*04	DPA1*03	DR5												
	PRA	4	20%	20%	20%																							
	SAB	21				28%	28%	28%	20%	20%	16%	12%	8%	8%	4%	4%												

**Serum 1359.** For this sample, reactivity to A32 (18113), B27 (15670), B37 (15571), B44 (15817), B49 (19346), B51 (17121), B52 (14809), B57 (17772), and B58 (16586) was reported by all methods. Additional anti-B37 (15571), -B44 (15817), -B47 (14347), -B38 (17024), -A25 (12983), -A23 (13586), -A24 (5034) reactivity, as well as reactivity to a number of 5C and 7C specificities was reported by various methods. Allele specific B\*27:05 (15426) and

A\*24:03 (3371) reactivity was also reported by some labs.

Strong class II reactivity was detected in this sample, with PRA and SAB reporting reactivity to a number of DQ and DR specificities including, DQ7 (8457), DQ8 (8573), DQ9 (8246), DR4 (11425), DR1 (6771), and DR53 (4725). Allele specific DRB1\*14:02 reactivity was also reported by 4 labs.

\*(median MFI by SAB)

1360	method	#labs	A1	A11	A1101	A1102	A36	B7	A24	A2403	B81	B8101	A3	B27	B2708	B2705	B48	B61	B60	B13	A80	
class I	AHG	1	NT																			
	C1q	2	NT																			
	PRA	5	80%	80%			80%	60%	20%		20%		20%	20%			20%	20%	20%			
	SAB	26	92%	92%	27%	23%	92%	96%	88%	27%	88%	15%	73%	73%	19%	15%	62%	62%	58%	69%	58%	

1360	method	#labs	B42	B67	B73	A26	A31	A34	A43	A33	A66	A6601	A6602	B40	B8	A25	A29	A30	B46	B47	B55	Ow 6
	SAB	26	27%	27%	27%	19%	15%	15%	15%	8%	8%	8%	4%	8%	8%	4%	4%	4%	4%	4%	4%	

1360	method	#labs	DR51	DR103	DR1	DR9	DR15	DR16	DR10	DR53	DQ2	DQA1*05	DQA1*04	DR2	DQA1*02	DQA1*03				
class II	C1q	1	no consensus																	
	PRA	5	80%	80%	80%	80%	80%	80%	80%	80%										
	SAB	24	100%	96%	100%	100%	100%	96%	96%	96%	83%	25%	8%	8%	4%	4%				

**Serum 1360.** Anti-A1 (5709), -A11 (2721), -A36 (4348), and -B7 (3343) reactivity was reported in this sample by PRA and > 90% of SAB labs. Additional reactivity to a number of other 1C and 10C specificities was also reported, including reactivity to A24 (2821), B81 (2964), and B27 (2375).

This sample was also positive for class II, with PRA and > 90% of SAB labs reporting reactivity to DR1 (4120), DR51 (16525), DR103 (6226), DR1 (4120), DR9 (4408), DR15 (4064), DR16 (3045), DR10 (2284), and DR53 (3321).

\*(median MFI by SAB)

1361	method	#labs	B35	B51	B53	B49	B50	B21	B58	B62	B63	B71	B72	B70	B75	B78	B7801	B56	Cw 5	Cw 6	Cw 15	Cw 4	Cw 9	Cw 10	Cw 1
class I	AHG	1	no consensus																						
	C1q	1	100%	100%	100%	50%	50%		50%	100%	50%	100%	50%		50%	100%		50%	100%	100%	100%	50%	50%	50%	50%
	PRA	5	80%	80%	80%	60%	60%	20%	60%	60%	60%	60%	60%	20%	60%	80%		40%	20%	20%	20%	20%	20%	20%	20%
	SAB	26	100%	100%	100%	100%	100%	8%	100%	100%	100%	100%	96%	8%	100%	96%	23%	100%	100%	100%	96%	100%	100%	100%	96%
1361	method	#labs	Cw 14	Cw 18	B18	B46	B57	B17	B77	Cw 2	Cw 17	Cw 16	B37	B52	A1	A11	A1101	A1102	A24	A2403	A3	B13	A36	A80	B76
	C1q	1	50%	100%									50%												
	PRA	5	20%	20%	80%	60%	60%	20%	60%	20%	20%		60%	80%	60%	60%			60%	20%	60%	60%	60%	60%	40%
	SAB	26	92%	92%	100%	100%	100%	8%	100%	100%	92%	23%	96%	96%	92%	92%	27%	27%	92%	27%	92%	92%	88%	88%	85%
1361	method	#labs	B54	B27	B2708	B2705	B44	B45	B41	B60	B61	B55	B82	B8201	Cw 12	B59	A43	A25	A32	A26	A23	A66	A6601	A6602	A74
	PRA	5	40%	40%			20%	20%	20%	40%	20%	20%	20%					40%	20%	20%	20%	20%			
	SAB	26	85%	81%	19%	15%	81%	81%	81%	81%	62%	73%	50%	15%	73%	50%	81%	62%	46%	35%	31%	31%	15%	8%	31%
1361	method	#labs	A33	A34	B47	B15	B7	A29	A30	Cw 7	A31	B39	B3901	B4005	B48	Bw 4	Cw 3	B22	B5	B5C	Bw 6	B14	B40		
	PRA	5	20%	20%	20%	20%																			
	SAB	26	19%	15%	19%	12%	31%	27%	27%	23%	19%	19%	4%	19%	19%	12%	12%	8%	8%	8%	8%	4%	4%		
1361	method	#labs	DR15	DR16	DR51	DQ6	DQ5	DR9	DPw 1	DPw 5	DP11	DP14	DP13	DR103	DR10										
class II	C1q	1	NT																						
	PRA	5	80%	80%	80%	80%	80%	40%	40%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%				
	SAB	24	100%	100%	100%	100%	88%	92%	79%	71%	50%	50%	46%	46%	46%	42%									
1361	method	#labs	DR1	DP19	DPw 3	DP9	DPw 6	DP17	DQ9	DR53	DQA1*01	DP10	DP20	DPA1*02	DPA1*03										
	PRA	5	20%	20%					20%																
	SAB	24	38%	42%	54%	50%	46%	42%		33%	33%	33%	29%	25%	13%										
1361	method	#labs	DP107	DP26	DP30	DP31	DP85	DQ1	DQ4	DR2	DR6	DR13	DR52	DPA1*01	DQA1*03										
	SAB	24	8%	8%	8%	8%	8%	8%	8%	8%	4%	4%	4%	4%	4%										

**Serum 1361.** Strong reactivity to B35 (19859), B49 (17606), B51 (19929), B53 (19337), B71 (17141), B72 (17720), Cw4 (17159), Cw6 (19379), Cw10 (13269), and Cw15 (18864) was reported by all methods. In addition, reactivity to B18 (15117), B37 (14291), as well as reactivity to a number of 1C, 5C, 7C, and C-locus specificities was reported by labs.

PRA and SAB labs also reported class II reactivity in this sample, with > 90% of SAB labs reporting reactivity to DR15 (7201), DR16 (3501), DR51 (3795), DQ6 (4258), and DR9 (2256). Reactivity to a number of DP specificities was also reported by PRA and SAB, including DP1 (3326), DP5 (2431), DP11 (1685), and DP14 (1802).

\*(median MFI by SAB)

**NEXT MAILING DATE: October 4, 2023**

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**Table 1. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by Antiglobulin - class I**

Method: Luminex - Antiglobulin														
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***			*** Serum 1360 ***			*** Serum 1361 ***		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
1 typing Labs			1 typing Labs			1 typing Labs			1 typing Labs			1 typing Labs		
No consensus			No consensus			No consensus			NT			No consensus		

**Table 2. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by C1q - class I**

Method: Luminex - C1q														
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***			*** Serum 1360 ***			*** Serum 1361 ***		
2 typing Labs		2 typing Labs		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
B27	100%	100%	A2	100%	100%	A32	50%	100%				B35	100%	100%
B42	100%	100%	A68	100%	100%	B27	50%	100%				B51	100%	100%
B55	100%	100%	A69	100%	100%	B37	50%	100%				B53	100%	100%
B67	100%	100%	B57	100%	100%	B38	50%	100%				B62	100%	100%
B7	100%	100%	B58	100%	100%	B44	50%	100%				B71	100%	100%
B81	100%	100%				B47	50%	100%				B78	100%	100%
B56	50%	100%				B49	50%	100%				Cw15	100%	100%
B60	50%	100%				B51	50%	100%				Cw18	100%	100%
B61	50%	100%				B52	50%	100%				Cw5	100%	100%
B82	50%	100%				B53	50%	100%				Cw6	100%	100%
						B57	50%	100%				B49	50%	100%
						B58	50%	100%				B50	50%	100%
						B59	50%	100%				B56	50%	100%
						B63	50%	100%				B58	50%	100%
						B77	50%	100%				B63	50%	100%
						Bw4	50%	100%				B72	50%	100%
												B75	50%	100%
												Cw1	50%	100%
												Cw10	50%	100%
												Cw14	50%	100%
												Cw16	50%	100%
												Cw4	50%	100%
												Cw9	50%	100%

**Table 3. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by PRA - class I**

Method: Luminex - PRA														
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***			*** Serum 1360 ***			*** Serum 1361 ***		
5 typing Labs		5 typing Labs		5 typing Labs		5 typing Labs		5 typing Labs		5 typing Labs		5 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B27	80%	100%	A2	80%	100%	A23	80%	100%	A1	80%	100%	B18	80%	100%
B42	80%	100%	A68	80%	100%	A24	80%	100%	A11	80%	100%	B35	80%	100%
B54	80%	100%	A23	60%	100%	A25	80%	100%	A36	80%	100%	B51	80%	100%
B55	80%	100%	A24	60%	100%	A32	80%	100%	B7	60%	100%	B52	80%	100%
B56	80%	100%	A25	60%	100%	B49	80%	100%	A24	20%	100%	B53	80%	100%
B67	80%	100%	A32	60%	100%	B51	80%	100%	A3	20%	100%	B78	80%	100%
B7	80%	100%	A69	60%	100%	B52	80%	100%	B27	20%	100%	A1	60%	100%
B81	80%	100%	B13	60%	100%	B53	80%	100%	B48	20%	100%	A11	60%	100%
A2	60%	100%	B27	60%	100%	B57	80%	100%	B60	20%	100%	A24	60%	100%
A25	60%	100%	B37	60%	100%	B58	80%	100%	B61	20%	100%	A3	60%	100%
A32	60%	100%	B38	60%	100%	B63	80%	100%	B81	20%	100%	A36	60%	100%
B13	60%	100%	B44	60%	100%	B27	50%	100%				A80	60%	100%
B47	60%	100%	B47	60%	100%	B35	50%	100%				B13	60%	100%
B48	60%	100%	B49	60%	100%	B37	50%	100%				B37	60%	100%
B57	60%	100%	B51	60%	100%	B38	50%	100%				B46	60%	100%
B58	60%	100%	B52	60%	100%	B44	50%	100%				B49	60%	100%
B60	60%	100%	B53	60%	100%	B47	50%	100%				B50	60%	100%
B61	60%	100%	B57	60%	100%	B50	50%	100%				B57	60%	100%
B63	60%	100%	B58	60%	100%	B59	50%	100%				B58	60%	100%
A66	40%	100%	B59	60%	100%	B62	50%	100%				B62	60%	100%
B41	40%	100%	B63	60%	100%	B71	50%	100%				B63	60%	100%
B73	40%	100%	B77	40%	100%	B72	50%	100%				B71	60%	100%
B82	40%	100%	A203	20%	100%	B75	50%	100%				B72	60%	100%
A203	20%	100%	A2403	20%	100%	B77	50%	100%				B75	60%	100%
A23	20%	100%	B39	20%	100%	B13	40%	100%				B77	60%	100%
A24	20%	100%	B67	20%	100%	B56	40%	100%				A25	40%	100%
B18	20%	100%				B78	40%	100%				B27	40%	100%
B22	20%	100%				Cw18	40%	100%				B54	40%	100%
B2708	20%	100%				Cw2	40%	100%				B56	40%	100%
B37	20%	100%				A2403	20%	100%				B60	40%	100%
B703	20%	100%				B64	20%	100%				B76	40%	100%
B8	20%	100%				B65	20%	100%				A23	20%	100%
Cw2	20%	100%				B81	20%	100%				A2403	20%	100%
Cw7	20%	100%				Cw17	20%	100%				A26	20%	100%

**Table 4. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by Single Antigen - class I**

Method: Luminex - SAB																	
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***			*** Serum 1360 ***			*** Serum 1361 ***					
25 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A25	100%	100%	A2	100%	100%	A23	100%	100%	B7	96%	100%	B18	100%	100%	B35	100%	100%
B27	100%	100%	A23	100%	100%	A25	100%	100%	A1	92%	100%	B46	100%	100%	B49	100%	100%
B42	100%	100%	A25	100%	100%	A32	100%	100%	A11	92%	100%	B50	100%	100%	B51	100%	100%
B54	100%	100%	A68	100%	100%	B37	100%	100%	A36	92%	100%	B53	100%	100%	B56	100%	100%
B55	100%	100%	A69	100%	100%	B38	100%	100%	A24	88%	100%	B57	100%	100%	B58	100%	100%
B56	100%	100%	B38	100%	100%	B44	100%	100%	B81	88%	100%	B62	100%	100%	B63	100%	100%
B57	100%	100%	B44	100%	100%	B47	100%	100%	A3	73%	100%	B71	100%	100%	B75	100%	100%
B58	100%	100%	B49	100%	100%	B49	100%	100%	B27	73%	100%	Cw10	100%	100%	Cw2	100%	100%
B63	100%	100%	B51	100%	100%	B51	100%	100%	B13	69%	100%	Cw4	100%	100%	Cw5	100%	100%
B67	100%	100%	B53	100%	100%	B53	100%	100%	B48	62%	100%	Cw6	100%	100%	Cw9	100%	100%
B7	100%	100%	B57	100%	100%	B57	100%	100%	B61	62%	100%	B37	96%	100%	B52	96%	100%
B73	100%	100%	B58	100%	100%	B58	100%	100%	A80	58%	100%	B78	96%	100%	B79	96%	100%
B81	100%	100%	B59	100%	100%	B59	100%	100%	B60	58%	100%	Cw1	96%	100%	Cw15	96%	100%
A2	96%	100%	B63	100%	100%	B63	100%	100%	A1101	27%	100%	A1	92%	100%	A11	92%	100%
A32	96%	100%	B77	100%	100%	B77	100%	100%	A2403	27%	100%	A24	92%	100%	A24	92%	100%
B13	96%	100%	A24	96%	100%	B52	96%	100%	B67	27%	100%	B62	96%	100%	B66	96%	100%
B47	96%	100%	A32	96%	100%	A24	92%	100%	B73	27%	100%	B77	100%	100%	B78	96%	100%
B60	96%	100%	B37	96%	100%	B27	92%	100%	A1102	23%	100%	Cw1	96%	100%	Cw15	96%	100%
B82	96%	100%	B52	96%	100%	B35	92%	100%	A26	19%	100%	A1	92%	100%	A11	92%	100%
Cw2	96%	100%	B13	92%	100%	B50	92%	100%	B2708	19%	100%	A24	92%	100%	A24	92%	100%
B48	92%	100%	B47	92%	100%	B56	92%	100%	A31	15%	100%	A43	15%	100%	A43	15%	100%
B61	92%	100%	B27	88%	100%	B62	92%	100%	A34	15%	100%	B2705	15%	100%	B2705	15%	100%
B8	84%	100%	Bw4	42%	100%	B71	92%	100%	A43	15%	100%	B8101	15%	100%	B8101	15%	100%
A66	80%	100%	A203	35%	100%	B72	92%	100%	A33	8%	100%	A66	8%	100%	A6601	8%	100%
A24	72%	100%	A2403	35%	100%	Cw15	92%	100%	A6601	8%	100%	B40	8%	100%	B40	8%	100%
A23	68%	100%	B2705	31%	100%	Cw17	92%	100%	B4	88%	100%	B8	8%	100%	B8	8%	100%
Cw17	68%	100%	B62	15%	100%	Cw2	92%	100%	Cw4	88%	100%	A25	4%	100%	A25	4%	100%
B41	56%	100%	B15	12%	100%	B75	88%	100%	Cw18	85%	100%	A29	4%	100%	A29	4%	100%
A6602	44%	100%	Cw7	12%	100%	B78	81%	100%	B13	65%	100%	A30	4%	100%	A30	4%	100%
B2708	32%	100%	A10	8%	100%	Cw6	77%	100%	Cw5	65%	100%	A6602	4%	100%	A6602	4%	100%
A203	28%	100%	A19	8%	100%	B12	8%	100%	B46	35%	100%	Cw14	92%	100%	Cw14	92%	100%
B64	20%	100%	A28	8%	100%	B17	8%	100%				Cw17	92%	100%	Cw17	92%	100%
B2705	16%	100%	A9	8%	100%							Cw18	92%	100%	Cw18	92%	100%
B703	16%	100%	B12	8%	100%												
B8101	12%	100%	B17	8%	100%												

**Table 4. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by Single Antigen - class I**

Method: Luminex - SAB, cont.														
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***			*** Serum 1360 ***			*** Serum 1361 ***		
25 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		26 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B8201	12%	100%	B21	8%	100%	Bw4	35%	100%	B46	4%	100%	A36	88%	100%
A10	8%	100%	B5	8%	100%	Cw10	35%	100%	B47	4%	100%	A80	88%	100%
A2403	8%	100%	A2403	4%	100%	A2403	31%	100%	B55	4%	100%	B54	85%	100%
B15	8%	100%	A10C	4%	100%	B2705	27%	100%	Cw6	4%	100%	B76	85%	100%
B17	8%	100%	A2C	4%	100%	Cw9	27%	100%				A43	81%	100%
B18	8%	100%	A66	4%	100%	B48	23%	100%				B27	81%	100%
B22	8%	100%	A6602	4%	100%	B4005	19%	100%				B41	81%	100%
Bw6	8%	100%	B16	4%	100%	B7	19%	100%				B44	81%	100%
Cw14	8%	100%	B7	4%	100%	Cw16	19%	100%				B45	81%	100%
A19	4%	100%	Cw2	4%	100%	B15	15%	100%				B60	81%	100%
B40	4%	100%				B18	15%	100%				B55	73%	100%
Bw4	4%	100%				B7801	15%	100%				Cw12	73%	100%
Cw12	4%	100%				A10	8%	100%				A25	62%	100%
						A19	8%	100%				B61	62%	100%
						A9	8%	100%				B59	50%	100%
						B12	8%	100%				B82	50%	100%
						B16	8%	100%				A32	46%	100%
						B17	8%	100%				A26	35%	100%
						B21	8%	100%				A23	31%	100%
						B40	8%	100%				A66	31%	100%
						B5	8%	100%				A74	31%	100%
						B60	8%	100%				B7	31%	100%
						Cw1	8%	100%				A1101	27%	100%
						B2708	4%	100%				A1102	27%	100%
						B41	4%	100%				A2403	27%	100%
						B45	4%	100%				A29	27%	100%
						B55	4%	100%				A30	27%	100%
						B61	4%	100%				B7801	23%	100%
						B67	4%	100%				Cw16	23%	100%
						B76	4%	100%				Cw7	23%	100%
						B81	4%	100%				A31	19%	100%
						B8101	4%	100%				A33	19%	100%
						Cw14	4%	100%				B2708	19%	100%
						Cw3	4%	100%				B39	19%	100%
						Cw403	4%	100%				B4005	19%	100%

**Table 5. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by C1q - class II**

Method: C1q														
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***			*** Serum 1360 ***			*** Serum 1361 ***		
Antigen	Consensus	Inclusion												
NT			1 typing Lab											

**Table 6. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by PRA - class II**

Method: PRA								
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***		
5 typing Labs			5 typing Labs			5 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NEG	100%	-	DQ7	80%	100%	DQ7	80%	100%
			DQ8	80%	100%	DQ8	80%	100%
			DQ9	80%	100%	DQ9	80%	100%
			DR7	80%	100%	DR1	80%	100%
			DQ6	60%	100%	DR4	60%	100%
			DR12	60%	100%	DR11	40%	100%
			DR9	60%	100%	DR53	40%	100%
			DQ2	40%	100%	DP14	20%	100%
			DQ4	40%	100%	DP17	20%	100%
			DR52	40%	100%	DP18	20%	100%
			DR11	20%	100%	DP28	20%	100%
			DR13	20%	100%	DP9	20%	100%
			DR17	20%	100%	DPw2	20%	100%
			DR18	20%	100%	DPw3	20%	100%
			DR51	20%	100%	DPw4	20%	100%
			DR53	20%	100%	DPw6	20%	100%
						DQ3	20%	100%
						DR10	20%	100%
						DR103	20%	100%
						DR12	20%	100%
						DR15	20%	100%
						DR16	20%	100%
						DR51	20%	100%
						DR7	20%	100%
						DR8	20%	100%
						DR9	20%	100%
*** Serum 1360 ***			*** Serum 1361 ***			*** Serum 1361 ***		
5 typing Labs			5 typing Labs			5 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DR1	80%	100%	DR15	80%	100%	DR16	80%	100%
DR10	80%	100%	DQ6	60%	100%	DR51	60%	100%
DR103	80%	100%	DR5	40%	100%	DR9	40%	100%
DR51	80%	100%	DP11	20%	100%	DP13	20%	100%
DR15	60%	100%	DP14	20%	100%	DP19	20%	100%
DR16	60%	100%	DP9	20%	100%	DPw1	20%	100%
DR9	60%	100%	DPw5	20%	100%	DPw5	20%	100%
DQ2	40%	100%	DQ9	20%	100%	DR1	20%	100%
DR53	20%	100%	DR10	20%	100%	DR10	20%	100%
			DR103	20%	100%	DR103	20%	100%

**Table 7. Summary of the 590<sup>th</sup> Serum Exchange (Serum #1357-1361) by Single Antigen - class II**

Method: Luminex - SAB								
*** Serum 1357 ***			*** Serum 1358 ***			*** Serum 1359 ***		
17 typing Labs			25 typing Labs			25 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NEG	88%	-	DQ7	100%	100%	DQ7	100%	100%
DPw1	12%	100%	DQ8	100%	100%	DQ9	100%	100%
			DQ9	100%	100%	DQ8	96%	100%
			DR12	100%	100%	DR4	96%	100%
			DR7	100%	100%	DR1	92%	100%
			DR9	100%	100%	DR53	92%	100%
			DQ6	96%	100%	DPw2	84%	100%
			DQ4	92%	100%	DR11	84%	100%
			DR52	92%	100%	DP18	80%	100%
			DQ2	76%	100%	DP28	80%	100%
			DQA1*02	48%	100%	DPw4	72%	100%
			DQA1*03	48%	100%	DR14	64%	100%
			DQA1*04	32%	100%	DQ4	60%	100%
			DQA1*05	32%	100%	DQA1*05	56%	100%
			DQA1*06	32%	100%	DP10	52%	100%
			DQA1*01	20%	100%	DP17	44%	100%
			DQ3	12%	100%	DP9	44%	100%
			DQ1	8%	100%	DP14	40%	100%
			DR5	8%	100%	DPw3	40%	100%
			DR14	4%	100%	DPw6	40%	100%
			DR53	4%	100%	DQA1*03	40%	100%
						DR9	36%	100%
						DP402	32%	100%
						DP20	28%	100%
						DQ2	28%	100%
						DQA1*06	28%	100%
						DPA1*04	20%	100%
						DQA1*02	20%	100%
						DPA1*01	16%	100%
						DPA1*02	12%	100%
						DQ3	12%	100%
						DP105	8%	100%
						DQA1*04	8%	100%
						DR10	8%	100%
						DPA1*03	4%	100%

**Table 8. Individual laboratory results for Serum #1357 - 1361 by Antiglobulin - class I**

		**** Serum 1357 ****					**** Serum 1358 ****					**** Serum 1359 ****					**** Serum 1360 ****					**** Serum 1361 ****																
Ctr	% POS	B22	B27	B40	B7	Other	% POS	A2	A68	A69	B57	B58	Other	% POS	A32	B27	B37	B44	B49	B5	B57	B58	Other	% POS	NT	Other	% POS	B35	B49	B51	B53	B70	Cw10	Cw15	Cw4	Cw6	Other	Method
786		+	+	+	+			+	+	+	+	+			+	+	+	+	+	+	+	+	+												Antiglobulin			

**Table 9. Individual laboratory results for Serum #1357 - 1361 by C1q - class I**

	**** Serum 1357 ****							**** Serum 1358 ****								
Ctr	% POS	B27	B42	B55	B67	B7	B81	B56	Other	% POS	A2	A68	A69	B57	B58	Other
230	+	+	+	+	+	+	+		B82	+	+	+	+	+		
786	+	+	+	+	+	+	+	+	B60,B61	+	+	+	+	+		

	**** Serum 1359 ****							**** Serum 1360 ****							**** Serum 1361 ****											
Ctr	% POS	A32	B27	B37	B38	B44	B47	B49	Other	% POS				Other	% POS	B35	B51	B53	B62	B71	B78	Cw15	Cw18		Method	
230									Bw4	NT					+	+	+	+	+	+	+	+	+		B75,Cw16	C1q
786	+	+	+	+	+	+	+	+	B51,B52,B53,B63 >	NT					+	+	+	+	+	+	+	+	+	+	Cw4,B56,B63,B58 >	C1q

**Table 10. Individual laboratory results for Serum #1357 - 1361 by Luminex-PRA - class I**

		**** Serum 1357 ****																													
Ctr	% POS	B27	B27	B42	B54	B55	B56	B67	B7	B81	A2	A68	A23	A24	A25	A32	A69	B13	B27	A25	A32	B13	Other		Method						
4079	75	+																													
2400	84		+																												
8135	80	+	+	+	+	+	+	+	+	+																					
3753	82	+	+	+	+	+	+	+	+	+																					
8134		+	+	+	+	+	+	+	+	+																					

		**** Serum 1358 ****																																Method	
Ctr	% POS	A2	A68	A23	A24	A25	A27	A2	A25	A32	B13	B37	B38	B44	B47	B49	B51	B57	B58	B37	B44	B48	B49	B51	B52	B53	B57	B58	B60	B61	B63	Other		Method	
4079	82	+	+																																
2400	82																																		
8135	82	+	+	+	+	+	+	+	+	+																									
3753	74	+	+	+	+	+	+	+	+	+																									
8134		+	+	+	+	+	+	+	+	+																									

		**** Serum 1359 ****																																		Method			
Ctr	% POS	A23	A24	A25	A27	A32	A33	A35	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50	A51	A52	A53	A54	A55	A56	A57	A58	A59	A60	A61	A62	A63	Other		Method	
4079	62	+																																					
2400	84																																						
8135	82	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								
3753	94	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								
8134		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								

		**** Serum 1360 ****																																		Method	
Ctr	% POS	A1	A11	A24	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50	A51	A52	A53	A54	A55	A56	A57	A58	A59	A60	A61	A62	A63	Other		Method		
4079	46	+																																			
2400	36																																				
8135	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3753	50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
8134		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						

		**** Serum 1361 ****																																		Method	
Ctr	% POS	B18	B35	B51	B7	A1	A11	A24	B46	B49	B50	B57	B58	B62	B63	B71	B72	B75	B77	B77	Other	Method															
4079	80	+	+	+	+																																
2400	98																																				
8135	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3753	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
8134		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						

**Table 11. Individual laboratory results for Serum #1357 by Single Antigen - class I**

Ctr	% POS	**** Serum 1357 ****																									Method				
		A25	B27	B42	B54	B55	B56	B57	B58	B63	B67	B7	B73	B81	A2	A32	B13	B47	B60	B82	Cw2	B48	B61	B8	A66	A24	A23	Cw17	B41	A6602	B2708
230		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
716	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
3224	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
3766	96	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
3808	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
3966	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
4079		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw12		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
5219	17	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
6649	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw14 (C*14:03)		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
8103	NT																											LMX-SAB			
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
8121	23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B40,B15,A10,B703 >		
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B64,Cw14			
8135	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		

**Table 12. Individual laboratory results for Serum #1358 by Single Antigen - class I**

**** Serum 1358 ****																													
Ctr	% POS	A2	A23	A25	A68	A69	B38	B44	B49	B51	B53	B57	B58	B59	B63	B77	A24	A32	B37	B52	B13	B47	B27	Bw4	A203	A2403	B2705	Other	Method
230		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
716	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
3224	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
3766	87	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
3808	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
3966	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw7	LMX-SAB		
4079		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
5219	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A9,B15,A66,A10 >	LMX-SAB		
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B*27:05	LMX-SAB		
6649	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB		
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62 (B*15:24)	LMX-SAB		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62	LMX-SAB		
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15	LMX-SAB		
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
8121	21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A9,B15,A10,B21 >	LMX-SAB		
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,B62,Cw2,Cw7	LMX-SAB		
8135	31	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			

**Table 13. Individual laboratory results for Serum #1359 by Single Antigen - class I**

Ctr	% POS	**** Serum 1359 ****																														Method														
		A23	A25	A32	B37	B38	B44	B47	B49	B51	B53	B57	B58	B59	B63	B77	B52	A24	B27	B35	B50	B56	B62	B71	B72	Cw15	Cw17	Cw2	B75	Cw4	Cw18	B78	Cw6	B13	Cw5	B46	Bw4	Cw10	A2403	B2705	Cw9	B48				
230		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB					
716	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw16,B4005	LMX-SAB					
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB					
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB						
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B*27:05	LMX-SAB					
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB						
3224	45	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B7	LMX-SAB					
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB						
3766	86	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB						
3808	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw403,B7801	LMX-SAB						
3966	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB							
4079		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB							
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B60,B7,B18,Cw8	LMX-SAB						
5219	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A9,B15,A10,B21 >	LMX-SAB						
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B*27:05	LMX-SAB						
6649	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB							
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B7,B18,Cw1	LMX-SAB						
																																													Cw16,B4005, B*13:02,C*16:02	LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB						
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ B40,Cw16,B4005	LMX-SAB						
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ B40,B15,B60,B61 >	LMX-SAB							
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15	LMX-SAB							
8121	20	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A9,B15,A10,B21 >	LMX-SAB							
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ Cw16,B4005	LMX-SAB							
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ Cw16,B4005	LMX-SAB							
8135	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB							

**Table 14. Individual laboratory results for Serum #1360 by Single Antigen - class I**

Ctr	% POS	**** Serum 1360 ****																		Method	
		B7	A1	A11	A36	A24	B81	A3	B27	B13	B48	B61	A80	B60	A1101	A2403	B42	B67	B73	A1102	
230		+	+	+	+	+	+	+													LMX-SAB
716	15	+	+	+	+	+	+	+	+	+	+										LMX-SAB
725		+	+	+	+	+	+														LMX-SAB
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB
910		+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
2400		+	+	+	+	+	+														LMX-SAB
3224	21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
3766	87	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB
3808	8	+	+	+	+	+	+														LMX-SAB
3966	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A26,A34,A43	LMX-SAB
4079		+	+	+	+	+	+	+													LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB
5219	0	+	+	+																	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
6649	18	+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A26,A31,B8	LMX-SAB	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+							B*13:02,B*48:01, B*40:02,B*40:06
8098		+	+	+	+	+															LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+							LMX-SAB
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,B40,A66,B47 >	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+								LMX-SAB
8121	0																				LMX-SAB
8125		+	+	+	+	+	+	+	+	+											LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A26,A34,A43	LMX-SAB	
8135	18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB

**Table 15. Individual laboratory results for Serum #1361 by Single Antigen - class I**

Ctr	% POS	**** Serum 1361 ****																																																				
		B18	B35	B46	B49	B50	B51	B53	B56	B57	B58	B62	B63	B71	B75	B77	Cw10	Cw2	Cw4	Cw5	Cw6	Cw9	B37	B52	B72	B78	Cw1	Cw15	A1	A11	A24	A3	B13	Cw14	Cw17	Cw18	A36	A80	B54	B76	A43	B27	B41	B44	B45	B60	B55	Cw12						
230		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
716	65	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3224	63	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3766	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3808	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
3966	72	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
4079		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
5219	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
6649	59	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8121	32	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8135	62	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**Table 15. Individual laboratory results for Serum #1361 by Single Antigen - class I, cont.**

Ctr	**** Serum 1361 ****																		Method	
	A25	B61	B59	B82	A32	A26	A23	A66	A74	B7	A1101	A1102	A2403	A29	A30	B7801	Cw16	Cw7	Other	
230	+																		B48,B39,B4005	LMX-SAB
716	+	+	+	+							+	+	+	+	+			+	B47,B2705,B2708,B8201	LMX-SAB
725		+	+																B2708	LMX-SAB
786	+	+				+	+	+	+		+	+	+	+	+	+			A6601,B8201	LMX-SAB
910	+	+	+	+	+															LMX-SAB
2400	+																			LMX-SAB
3224	+	+	+	+	+	+	+	+	+										B47,A31,A33,Bw4	LMX-SAB
3753	+																			LMX-SAB
3766	+	+									+	+	+	+	+			+	B47,B2705,B2708	LMX-SAB
3808																			Cw403	LMX-SAB
3966	+	+	+	+	+	+	+	+	+									+		LMX-SAB
4079	+		+	+	+	+	+	+											A6601	LMX-SAB
4322	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+			A34,A31,A33,Bw4 >	LMX-SAB
5219											+	+							B15,B70,B21,B5 >	LMX-SAB
5462																				LMX-SAB
6649	+					+														LMX-SAB
8082	+	+	+	+	+	+	+	+	+										B47,A34,A31,A33	LMX-SAB
																			B48,B39 (B*39:04), B4005,	
8090	+	+	+	+	+	+	+	+	+									+	C*07:04	LMX-SAB
8098			+																	LMX-SAB
8100	+	+		+														+	B48,B39,B5C,B4005	LMX-SAB
8103	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	B40,B15,B47,A34 >	LMX-SAB
8112	+	+																		LMX-SAB
8121																			B15,B70,B21,B5 >	LMX-SAB
8125	+																	+	B48,B4005	LMX-SAB
8128	+	+	+	+	+	+	+	+	+									+	B48,A34,A31,A33 >	LMX-SAB
8135	+	+	+	+																LMX-SAB

**Table 16. Individual laboratory results for Serum #1357 - 1361 C1q by class II**

	**** Serum 1357 ****				**** Serum 1358 ****				**** Serum 1359 ****				**** Serum 1360 ****				**** Serum 1361 ****						
Ctr	% POS			Other	% POS	DQ7	DQ8	DQ9	DR7	Other	% POS				Other	% POS	DR51		Other	% POS		Other	Method
230	NT					+	+	+	+		NT						+			NT			C1q

**Table 17. Individual laboratory results for Serum #1357 - 1361 by PRA - class II**

		**** Serum 1357 ****						**** Serum 1358 ****													
Ctr	% POS	DQ7	DQ8	DQ9	DR1	DR4	DR11	DR53	Other	% POS	DQ7	DQ8	DQ9	DR7	DQ6	DR12	DR9	DQ2	DQ4	DR52	Other
2400	0								89												
3753	0								87	+	+	+	+	+	+	+	+	+			
4079	0								86	+	+	+	+								
8134	0									+	+	+	+	+	+	+	+	+	+		
8135	0								DR11,DR13,DR17 >	86	+	+	+	+	+	+	+	+		+	DR11,DR13 >

		**** Serum 1359 ****						**** Serum 1360 ****						**** Serum 1361 ****						Method								
Ctr	% POS	DQ7	DQ8	DQ9	DR1	DR4	DR11	DR53	Other	% POS	DR1	DR10	DR103	DR51	DR15	DR16	DR9	DQ2	Other	% POS	DR15	DR16	DQ6	DR51	DQ5	DR9	Other	
2400	86								60										77								LMX-PRA	
3753	67	+	+	+	+	+	+		80	+	+	+	+	+	+	+	+		60	+	+	+	+	+	+		LMX-PRA	
4079	63	+	+	+	+				DQ3	51	+	+	+	+					43	+	+						LMX-PRA	
8134		+	+	+	+	+	+	+	DPw2,DPw3,DPw4 >		+	+	+	+	+	+	+	DR53		+	+	+	+	+	+	DPw1,DPw5,DP9,DP11 >	LMX-PRA	
8135	80	+	+	+	+	+	+	+	DR103,DR7,DR8 >	60	+	+	+	+	+	+	+	+		69	+	+	+	+	+	+	DR1,DR103,DR10,DQ9 >	LMX-PRA

**Table 18. Individual laboratory results for Serum #1357 - #1358 by Single Antigen - class II**

Ctr	**** Serum 1357 ****			**** Serum 1358 ****												Method					
	% POS	DPw1	Other	% POS	DQ7	DQ8	DQ9	DR12	DR7	DR9	DQ6	DQ4	DR52	DQ2	DQA1*02	DQA1*03	DQA1*04	DQA1*05	DQA1*06	Other	
230	NT				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
716	0			34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
725	NT				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
910	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX-SAB
2400	NT				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
3224	0			35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX-SAB
3753	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB3*01, DRB3*03	LMX-SAB
3766	NT			93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
3808	0			25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
3966	NT			34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
4079	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
4322	+				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR53,DQA1*01	LMX-SAB
5219	0			23	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR5,DQ1,DQ3	LMX-SAB
5462	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX-SAB
6649	0			34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
8082	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR14,DQA1*01	LMX-SAB
8090	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*01, DRB3*01:01, DRB3*03:01	LMX-SAB
8098	NT				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
8100	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
8103	NT				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ3	LMX-SAB
8112	NT				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*01	LMX-SAB
8121	0			18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR5,DQ1,DQ3	LMX-SAB
8125	+				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
8128	0				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
8135	0			35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	

**Table 19. Individual laboratory results for Serum #1359 by Single Antigen - class II**

Ctr	% POS	**** Serum 1359 ****																				Method					
		DQ7	DQ9	DQ8	DR4	DR1	DR53	DPw2	DP18	DP28	DPw4	DR14	DQ4	DQA1*05	DP10	DP17	DP9	DP14	DPw3	DPw6	DQA1*03	DR9	DP402	DP20	DQ2	DQA1*06	
230		+	+	+	+	+	+																				
716	29	+	+	+	+	+	+	+	+	+	+	+	+	+													
725		+	+	+	+	+	+	+	+	+	+	+	+	+													
910		+	+	+	+	+	+	+	+	+	+	+	+	+													
2400		+	+	+	+	+	+																				
3224	51	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
3753		+	+	+	+	+	+	+	+	+	+	+	+	+													
3766	80	+	+	+	+	+	+	+	+	+	+	+	+	+													
3808	27	+	+	+	+	+	+	+	+	+	+	+	+	+													
3966	49	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
4079		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
5219	25	+	+	+	+	+	+	+	+	+	+	+	+	+													
5462		+	+	+	+	+	+	+	+	+	+	+	+	+													
6649	48	+	+	+	+	+	+	+	+	+	+	+	+	+													
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8103		+	+																								
8112		+	+	+	+	+	+	+	+	+	+	+	+	+													
8121	18	+	+	+																							
8125		+	+	+	+	+	+	+	+	+	+	+	+	+													
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8135	57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

**Table 20. Individual laboratory results for Serum #1360 by Single Antigen - class II**

Ctr	% POS	**** Serum 1360 ****										Method
		DR1	DR15	DR51	DR9	DR10	DR103	DR16	DR53	DQ2	DQA1*05	
230		+	+	+	+	+	+	+	+	+	+	LMX-SAB
716	21	+	+	+	+	+	+	+	+	+	DQA1*02,DQA1*03,DQA1*04	LMX-SAB
725		+	+	+	+	+		+	+			LMX-SAB
910		+	+	+	+	+	+	+	+	+		LMX-SAB
2400		+	+	+	+	+	+	+	+	+		LMX-SAB
3224	21	+	+	+	+	+	+	+	+	+		LMX-SAB
3753		+	+	+	+	+	+	+	+	+		LMX-SAB
3766	84	+	+	+	+	+	+	+	+	+	+	LMX-SAB
3808	14	+	+	+	+	+	+	+	+			LMX-SAB
3966	21	+	+	+	+	+	+	+	+	+		LMX-SAB
4079		+	+	+	+	+	+	+	+	+		LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+ DQA1*04	LMX-SAB
5219	14	+	+	+	+	+	+	+	+		DR2	LMX-SAB
5462		+	+	+	+	+	+	+	+	+		LMX-SAB
6649	21	+	+	+	+	+	+	+	+	+		LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	LMX-SAB
8090		+	+	+	+	+	+	+	+	+	+	LMX-SAB
8098		+	+	+	+	+	+	+	+	+		LMX-SAB
8100		+	+	+	+	+	+	+	+	+		LMX-SAB
8103	NT											LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	LMX-SAB
8121	3	+	+	+	+	+					DR2	LMX-SAB
8125		+	+	+	+	+	+	+	+	+		LMX-SAB
8128		+	+	+	+	+	+	+	+	+		LMX-SAB
8135	21	+	+	+	+	+	+	+	+	+	+	LMX-SAB

**Table 21. Individual laboratory results for Serum #1361 by Single Antigen - class II**

Ctr	% POS	**** Serum 1361 ****																				Method				
		DQ6	DR15	DR16	DR51	DR9	DQ5	DPw1	DPw5	DPw3	DP11	DP14	DP9	DP13	DPw6	DR103	DP17	DP19	DR10	DR1	DP10	DQA1*01	DR53	DP20	DPA1*02	Other
230		+	+	+	+	+	+	+	+	+															LMX-SAB	
716	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
725		+	+	+	+	+																			LMX-SAB	
910		+	+	+	+	+	+	+																	LMX-SAB	
2400		+	+	+	+	+	+	+	+	+															LMX-SAB	
3224	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
3753		+	+	+	+	+	+																		LMX-SAB	
3766	78	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
3808	11	+	+	+	+																				LMX-SAB	
3966	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ4	LMX-SAB	
4079		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR52,DPA1*01,DPA1*03	
5219	11	+	+	+	+	+																			DR2,DQ1	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
6649	29	+	+	+	+	+	+	+																	LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ DPA1*03,DQA1*03	LMX-SAB	
8090		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ DPA1*03,DP85, DRB4*01:01	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQ4,DP26,DP31,DP30 >	LMX-SAB	
8103	NT																								LMX-SAB	
8112		+	+	+	+	+	+	+	+															LMX-SAB		
8121	15	+	+	+	+	+	+	+	+	+														DR2,DR6,DR13,DQ1	LMX-SAB	
8125		+	+	+	+	+	+	+	+	+														LMX-SAB		
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DP26,DP31,DP30,DP85 >	LMX-SAB	
8135	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB	