

SERUM EXCHANGE #583

Serum	1325 - 1328
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The results for Serum Exchange #583 were summarized in Tables 19 - 26 and individual listing of results are shown in tables 27 - 37. Sera strongly positive to A29, B17 (B57, B58), DR2 (DR15, DR16), DQ1 (DQ5, DQ6), DQ3

(DQ7, DQ8, DQ9), a well as reactivity to a number of 10C specificities were examined in this study.

1325	method	#labs	NEG	B60	B61	B7	B81	B8101	B27	B2708	B2705	B47	A66	A6602	B13	B48	B73	B55	B67
class I	NIH-Std	1	NT																
	AHG	1	NT																
	C1q	2	100%																
	PRA	3		33%	33%	33%	33%					33%		33%					
	SAB	23		100%	100%	100%	96%	17%	96%	22%	13%	91%	61%	57%	87%	83%	74%	65%	65%

1325	method	#labs	NEG	B42	B56	Cw2	B82	B8201	Cw5	B703	B40	A10C	A2	B12C	B54	B5C	B7C	Cw4	Cw8
	SAB	23		61%	57%	57%	48%	4%	39%	22%	9%	4%	4%	4%	4%	4%	4%	4%	4%

1325	method	#labs	DQ4	DQ5	DQ6	DR15	DR16	DR51	DQ8	DQ9	DQA1*01	DQA1*04	DQA1*03	DQ3	DR11	DQ1	DQA1*02	DR2
class II	C1q	2	100%	100%	100%	100%	100%	100%	50%									
	PRA	3	33%	67%	67%	33%	33%	33%	33%	33%								
	SAB	21	100%	100%	100%	100%	100%	100%	100%	100%	38%	24%	13%	9%	9%	5%	5%	5%

Serum 1325. Anti-B60, -B61, -B7, -B81, -B27, and -B47 reactivity was reported by PRA and single antigen labs. Each were reported by > 90% of SAB labs, with respective MFI = 4876, 4286, 9658, 6529, and 3006. Labs reporting by C1q, reported this sample as negative for class I.

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

SAB labs reporting reactivity to DQ4 (9435), DQ5 (21548), DQ6 (22296), DQ8 (6396), DR15 (17528), DR16 (13999), and DR51 (12375). Each were reported by 100% of SAB labs. A number of SAB labs (n = 8), also reported strong DQA1*01 (18568) reactivity in this sample.

*(median MFI by SAB)

1326	method	#labs	A29	B44	B45	B82	B8201	A26	A31	A33	A30	B76	A43	A34	A25	
class I	NIH-Std	1	NT													
	AHG	1	NT													
	C1q	3	100%	67%	67%											
	PRA	3	33%	33%	33%	33%		33%	33%	33%	33%					
	SAB	23	100%	100%	100%	96%	4%	91%	91%	87%	78%	100%	96%	78%	74%	
1326	method	#labs	A66	A6602	A6601	A1	B42	A80	A1C	B5C	B7C	A10C	B12	B12C	B15	B41
	SAB	23	65%	13%	9%	26%	17%	9%	4%	4%	4%	4%	4%	4%	4%	4%

1326	method	#labs	NEG	DR7	DR9	DR53	DQ2	DR52	DQA1*05	DPA1*05	DQA1*04
class II	C1q	2	100%								
	PRA	3		33%	33%		33%				
	SAB	21		100%	95%	86%	63%	57%	19%	5%	5%

Serum 1326. Strong anti-A29 (13348) reactivity, along with anti-B44 (8768) and –B45 (11651) reactivity was reported in this sample by C1q, PRA, and SAB labs. Each were reported by 100% of SAB labs. Additional reactivity to B82 (6758), A26 (2539), A31 (2770), A33 (2668), and A30 (3441) was reported by SAB and PRA.

Weak class II reactivity was detected in this sample, with > 90% of SAB labs and 1 PRA lab reporting anti-DR7 (3189) and –DR9 (2244) reactivity. Even weaker DR53 (1458) and DQ2 (1508) reactivity was reported by some labs as well. C1q labs detected no C1q-binding of class II antibodies in this sample.

*(median MFI by SAB)

1327	method	#labs	B57	B58	A25	A26	A32	A66	A6602	A6601	A2	A203	A33	A34	A31	A29	A11	A1101	A1102
class I	NIH-Std	1	NT																
	AHG	2	NT																
	C1q	3	100%	67%	33%														
	PRA	3	33%	33%	33%	33%	33%	33%			33%		33%	33%	33%	33%	33%		
	SAB	24	100%	100%	100%	100%	100%	91%	22%	17%	100%	22%	91%	91%	87%	83%	87%	17%	17%

1327	method	#labs	A74	A68	A69	A43	B63	A10C	A2C	A10	A1C	B5C	A36	B17	B15	B75	B76	B77
	PRA	3	33%	33%														
	SAB	24	78%	91%	78%	96%	78%	9%	9%	4%	4%	4%	4%	4%	4%	4%	4%	4%

1327	method	#labs	NEG	DQ8	DQ7	DQ9	DQ2	DR7	DR9	DR52	DR12	DQ4	DQ6	DR1	DR10	DR14
class II	C1q	2	50%	50%			50%									
	PRA	3		67%	67%	33%	33%	33%	33%			33%	33%	33%	33%	33%
	SAB	21		100%	100%	100%		100%	95%	57%	48%					

1327	method	#labs	DR4	DQA1*03	DQA1*05	DQA1*06	DQA1*02	DQ3	DPA1*02	DP10	DP14	DP17	DP9	DPw1	DPw5
	PRA		33%												
	SAB	21		14%	14%	14%	5%	10%	5%	5%	5%	5%	5%	5%	5%

Serum 1327. Strong anti-B57 (15342), -B58 (11907), and -A25 (11665) reactivity was detected in this sample by C1q, PRA, and SAB. Additional reactivity to A2 (4545), A68 (2520), as well as reactivity to a number of 10C specificities, including A26 (6388), A32 (4376), and A66 (5079), was reported by > 90% of SAB labs.

Good agreement was achieved among SAB labs in the reporting of class

II antibodies for this sample, as > 90% of labs reported anti-DQ7 (4297), -DQ8 (4259), -DQ9 (3727), -DR7 (4560), and -DR9 (1571) reactivity. By contrast, no agreement was achieved among labs reporting by C1q, as 1 lab reported weak C1q-binding to DQ8 (1291) and DQ2 (1963), while the other detected no class II C1q-binding antibodies.

*(median MFI by SAB)

1328	method	#labs	A11	A1101	A1102	A25	A26	A66	A6602	A6601	A34	A31	A33	A43	A68	A1	A2	A203	A3	A36	A74	A80
class I	NIH-Std	1	no consensus																			
	AHG	2	no consensus																			
	C1q	3	100%			100%	67%	100%			100%	67%	67%	100%								
	PRA	3	67%			67%	33%	33%			33%	33%	33%		33%	33%	33%		33%	67%	33%	33%
	SAB	24	96%	17%	17%	100%	100%	96%	22%	17%	100%	100%	100%	100%	100%	100%	100%	17%	100%	100%	100%	100%

1328	method	#labs	A69	A30	A29	A24	A2403	A23	B42	B44	B45	B46	B49	B50	B51	B62	A10C	A1C	A10	A28	A2C	
	PRA	3				33%		33%	33%	33%	33%	33%	33%	33%	33%	33%						
	SAB	24	100%	96%	91%	17%	17%										9%	9%	4%	4%	4%	

1328	method	#labs	DQ7	DQ8	DQ9	DR1	DR10	DR4	DQ4	DR14	DR1404	DR15	DQ2	DQ6
class II	C1q	2	100%	100%	100%	100%		100%						
	PRA	3	67%	67%	67%	67%	67%	67%	67%	33%		33%	33%	33%
	SAB	22	100%	100%	100%	100%	100%	100%	100%	100%	5%	90%	29%	

1328	method	#labs	DR51	DQA1*03	DQA1*06	DQA1*04	DQA1*05	DR13	DP28	DPw2	DQ3	DQA1*02	DP18	DPw1
	SAB	22	86%	76%	33%	24%	14%	14%	10%	10%	10%	5%	5%	5%

Serum 1328. Strong anti-A11 (19473) reactivity was detected in this cell by all methods. Additional reactivity to A25 (12379), A26 (14046), A66 (14120), A34 (14852), A31 (10068), and A33 (8708) was reported by C1q, PRA, and SAB labs. Reactivity to a number of other 1C and 10C specificities was also reported by various methods.
 Strong class II reactivity was detected in this sample, with C1q, PRA, and

SAB labs each detecting anti-DQ7 (17213), -DQ8 (17695), -DQ9 (16817), -DR1 (13661), and -DR4 (17549) reactivity. Each were reported by 100% of SAB labs. In addition, PRA and SAB labs detected reactivity to a number of other DR and DQ specificities, including reactivity to DR10 (8066), DQ4 (4993), DR14 (5318), and DR15 (2845). A number (n = 16) of SAB labs also reported anti-DQA1*03 (9617) reactivity.

*(median MFI by SAB)

NEXT MAILING DATE: February 2, 2022

Happy Holidays!

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Table 19. Summary of the 583rd Serum Exchange (Serum #1325-1328) by NIH-Standard - class I

Method: NIH-Standard											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NT			NT			NT			no Consensus		

Table 20. Summary of the 583rd Serum Exchange (Serum #1325-1328) by Antiglobulin - class I

Method: Antiglobulin											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NT			NT			NT			No consensus		

Table 21. Summary of the 583rd Serum Exchange (Serum #1325-1328) by C1q - class I

Method: C1q											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
2 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
NEG	100%	-	A29	100%	100%	B57	100%	100%	A11	100%	100%
			B44	67%	100%	B58	67%	100%	A25	100%	100%
			B45	67%	100%	A25	33%	100%	A34	100%	100%
									A43	100%	100%
									A66	100%	100%
									A26	67%	100%
									A31	67%	100%
									A33	67%	100%

Table 22. Summary of the 583rd Serum Exchange (Serum #1325-1328) by PRA - class I

Method: Luminex-PRA											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
A6602	33%	100%	A26	33%	100%	A11	33%	100%	A11	67%	100%
B47	33%	100%	A29	33%	100%	A2	33%	100%	A25	67%	100%
B60	33%	100%	A30	33%	100%	A25	33%	100%	A36	67%	100%
B61	33%	100%	A31	33%	100%	A26	33%	100%	A1	33%	100%
B7	33%	100%	A33	33%	100%	A29	33%	100%	A2	33%	100%
B81	33%	100%	B44	33%	100%	A31	33%	100%	A23	33%	100%
			B45	33%	100%	A32	33%	100%	A24	33%	100%
			B82	33%	100%	A33	33%	100%	A26	33%	100%
						A34	33%	100%	A3	33%	100%
						A66	33%	100%	A31	33%	100%
						A68	33%	100%	A33	33%	100%
						A74	33%	100%	A34	33%	100%
						B57	33%	100%	A66	33%	100%
						B58	33%	100%	A68	33%	100%
									A74	33%	100%
									A80	33%	100%
									B42	33%	100%
									B44	33%	100%
									B45	33%	100%
									B46	33%	100%
									B49	33%	100%
									B50	33%	100%
									B51	33%	100%
									B62	33%	100%

Table 23. Summary of the 583rd Serum Exchange (Serum #1325-1328) by Single Antigen - class I

Method: Luminex - SAB											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
23 typing Labs			23 typing Labs			23 typing Labs			23 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B60	100%	100%	A29	100%	100%	A2	100%	100%	A1	100%	100%
B7	100%	100%	B44	100%	100%	A25	100%	100%	A2	100%	100%
B61	100%	67%	B45	100%	100%	A26	100%	100%	A25	100%	100%
B27	96%	100%	B76	100%	100%	A32	100%	100%	A26	100%	100%
B81	96%	100%	A43	96%	100%	B57	100%	100%	A3	100%	100%
B47	91%	100%	B82	96%	100%	B58	100%	100%	A31	100%	100%
B13	87%	67%	A26	91%	25%	A43	96%	100%	A33	100%	100%
B48	83%	0%	A31	91%	0%	A33	91%	100%	A34	100%	100%
B73	74%	100%	A33	87%	100%	A34	91%	100%	A36	100%	100%
B55	65%	100%	A30	78%	100%	A66	91%	83%	A43	100%	100%
B67	65%	100%	A34	78%	100%	A68	91%	80%	A68	100%	100%
B42	61%	100%	A25	74%	100%	A31	87%	100%	A69	100%	100%
A66	61%	50%	A66	65%	100%	A11	87%	70%	A74	100%	100%
A6602	57%	100%	A1	26%	100%	A29	83%	33%	A80	100%	100%
B56	57%	100%	B42	17%	100%	A69	78%	100%	A11	96%	100%
Cw2	57%	100%	A6602	13%	100%	A74	78%	100%	A66	96%	100%
B82	48%	100%	A6601	9%	100%	B63	78%	100%	A30	96%	83%
Cw5	39%	100%	A80	9%	100%	A203	22%	100%	A29	91%	100%
B2708	22%	100%	A10C	4%	100%	A6602	22%	100%	A6602	22%	100%
B703	22%	100%	A1C	4%	100%	A1101	17%	100%	A1101	17%	100%
B8101	17%	100%	B12	4%	100%	A1102	17%	100%	A1102	17%	100%
B2705	13%	100%	B12C	4%	100%	A6601	17%	100%	A203	17%	100%
B40	9%	100%	B15	4%	100%	A10C	9%	100%	A24	17%	100%
A10C	4%	100%	B41	4%	100%	A2C	9%	100%	A2403	17%	100%
A2	4%	100%	B5C	4%	100%	A10	4%	100%	A6601	17%	100%
B12C	4%	100%	B7C	4%	100%	A1C	4%	100%	A10C	9%	100%
B54	4%	100%	B8201	4%	100%	A36	4%	100%	A1C	9%	100%
B5C	4%	100%				B15	4%	100%	A10	4%	100%
B7C	4%	100%				B17	4%	100%	A28	4%	100%
B8201	4%	100%				B5C	4%	100%	A2C	4%	100%
Cw4	4%	100%				B75	4%	100%			
Cw8	4%	100%				B76	4%	100%			
						B77	4%	100%			

Table 24. Summary of the 583rd Serum Exchange (Serum #1325-1328) by C1q - class II

Method: C1q											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
2 typing Lab			2 typing Lab			2 typing Lab			2 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ4	100%	100%	NEG	100%	-	DQ2	50%	100%	DQ7	100%	100%
DQ5	100%	100%				DQ8	50%	100%	DQ8	100%	100%
DQ6	100%	100%				NEG	50%	-	DQ9	100%	100%
DR15	100%	100%							DR1	100%	100%
DR16	100%	100%							DR4	100%	100%
DR51	100%	100%									
DQ8	50%	100%									

Table 25. Summary of the 583rd Serum Exchange (Serum #1325-1328) by PRA - class II

Method: Luminex - PRA											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ5	67%	100%	DQ2	33%	100%	DQ7	67%	100%	DQ4	67%	100%
DQ6	67%	100%	DR7	33%	100%	DQ8	67%	100%	DQ7	67%	100%
DQ4	33%	100%	DR9	33%	100%	DQ2	33%	100%	DQ8	67%	100%
DQ8	33%	100%				DQ4	33%	100%	DQ9	67%	100%
DQ9	33%	100%				DQ6	33%	100%	DR1	67%	100%
DR15	33%	100%				DQ9	33%	100%	DR10	67%	100%
DR16	33%	100%				DR1	33%	100%	DR4	67%	100%
DR51	33%	100%				DR10	33%	100%	DQ2	33%	100%
						DR14	33%	100%	DQ6	33%	100%
						DR4	33%	100%	DR14	33%	100%
						DR7	33%	100%	DR15	33%	100%
						DR9	33%	100%			

Table 26. Summary of the 583rd Serum Exchange (Serum #1325-1328) by Single Antigen - class II

Method: Luminex - SAB											
*** Serum 1325 ***			*** Serum 1326 ***			*** Serum 1327 ***			*** Serum 1328 ***		
21 typing Labs			21 typing Labs			21 typing Labs			21 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ4	100%	100%	DR7	100%	100%	DQ9	100%	100%	DQ7	100%	100%
DQ5	100%	100%	DR9	95%	50%	DR7	100%	100%	DQ8	100%	100%
DQ6	100%	100%	DR53	86%	100%	DQ8	100%	83%	DQ9	100%	100%
DR15	100%	100%	DQ2	63%	100%	DQ7	100%	76%	DR1	100%	100%
DR16	100%	100%	DR52	57%	100%	DR9	95%	100%	DR10	100%	100%
DR51	100%	100%	DQA1*05	19%	100%	DR52	57%	54%	DR4	100%	100%
DQ8	100%	67%	DPA1*05	5%	100%	DR12	48%	100%	DQ4	100%	55%
DQ9	100%	67%	DQA1*04	5%	100%	DQA1*03	14%	100%	DR14	100%	43%
DQA1*01	38%	100%				DQA1*05	14%	100%	DR15	90%	40%
DQA1*04	24%	100%				DQA1*06	14%	100%	DR51	86%	57%
DQA1*03	13%	100%				DQ3	10%	100%	DQA1*03	76%	100%
DQ3	9%	100%				DP10	5%	100%	DQA1*06	33%	100%
DR11	9%	100%				DP14	5%	100%	DQ2	29%	50%
DQ1	5%	100%				DP17	5%	100%	DQA1*04	24%	100%
DQA1*02	5%	100%				DP9	5%	100%	DQA1*05	14%	100%
DR2	5%	100%				DPA1*02	5%	100%	DR13	14%	100%
						DPw1	5%	100%	DP28	10%	100%
						DPw5	5%	100%	DPw2	10%	100%
						DQA1*02	5%	100%	DQ3	10%	100%
									DP18	5%	100%
									DPw1	5%	100%
									DQA1*02	5%	100%
									DR1404	5%	100%

Table 27. Individual laboratory results for Serum #1325 - 1328 by NIH-Standard - class I

		**** Serum 1325 ****			**** Serum 1326 ****			**** Serum 1327 ****			**** Serum 1328 ****			
Ctr	%	POS		Other	%	POS		Other	%	POS		Other	Method	
786	NT				NT				NT				STD	

STD = NIH-standard

Table 28. Individual laboratory results for Serum #1325 - 1328 by Antiglobulin - class I

	**** Serum 1325 ****			**** Serum 1326 ****			**** Serum 1327 ****			**** Serum 1328 ****			
Ctr	%		Other	%		Other	%		Other	%	A11		Method
786	POS			POS			POS			POS	+		Antiglobulin
	NT			NT			NT						

Table 29. Individual laboratory results for Serum #1325 - 1328 by C1q - class I

Ctr	**** Serum 1325 ****			**** Serum 1326 ****				**** Serum 1327 ****				**** Serum 1328 ****								Method					
	% POS		Other	% POS	A29	B44	B45	Other	% POS	B57	B58	A25	Other	% POS	A11	A25	A34	A43	A66		A26	A31	A33	Other	
786	NT				+					+					+	+	+	+	+						C1q
2400	0				+	+	+			+	+				+	+	+	+	+	+	+	+			C1q
3753	0				+	+	+			+	+	+			+	+	+	+	+	+	+	+			C1q

Table 30. Individual laboratory results for Serum #1325 - 1328 by PRA - class I

**** Serum 1325 ****														**** Serum 1326 ****														
Ctr	% POS	A6602	B47	B60	B61	B7	B81						Other	% POS	A26	A29	A30	A31	A33	B44	B45	B82					Other	Method
2400	29													41														LMX-PRA
3753	28	+	+	+	+	+	+							72	+	+	+	+	+	+	+	+						LMX-PRA
8058	0													0														LMX-PRA

**** Serum 1327 ****														**** Serum 1328 ****																													
Ctr	% POS	A11	A2	A25	A26	A29	A31	A32	A33	A34	A66	A68	A74	B57	B58	Other	% POS	A11	A25	A36	A1	A2	A23	A24	A26	A3	A31	A33	A34	A66	A68	A74	A80	B42	B44	B45	B46	B49	B50	B51	B62	Other	Method
2400	82																95																									LMX-PRA	
3753	80	+	+	+	+	+	+	+	+	+	+	+	+	+	+		98	+	+	+	+	+			+	+	+	+	+	+	+	+											LMX-PRA
8058	0																15	+	+	+			+	+										+	+	+	+	+	+	+			LMX-PRA

Table 31. Individual laboratory results for Serum #1325 by Luminex SAB - class I

**** Serum 1325 ****																								
Ctr	% POS	B60	B7	B61	B27	B81	B47	B13	B48	B73	B55	B67	B42	A66	A6602	B56	Cw2	B82	Cw5	B2708	B703	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB	
725		+	+	+	+	+	+	+	+	+					+						+	+	LMX-SAB	
774	23	+	+	+	+	+		+	+					+									LMX-SAB	
786		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+					LMX-SAB	
910		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+					LMX-SAB	
2400		+	+	+	+	+	+	+	+	+	+	+	+	+			+						LMX-SAB	
3224	21	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+				LMX-SAB	
3753		+	+	+	+	+	+	+	+						+								LMX-SAB	
3766	72	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		B8101,B2705,B8201	LMX-SAB
3808	10	+	+	+	+		+	+							+						+	+	B8101	LMX-SAB
3966	21	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+				LMX-SAB	
4322		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+					B54	LMX-SAB
5219	8	+	+	+		+	+								+						+	+	B40,B8101,B2705	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+				A*66:02	LMX-SAB
6649	19	+	+	+	+	+	+	+	+	+	+	+	+	+		+							LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+					LMX-SAB	
8086	9	+	+	+	+	+								+					+				LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+							+	+	B12C,B5C,B7C,A10C	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX-SAB	
8103		+	+	+	+	+	+					+		+	+			+				+	Cw4,B40,B8101,B2705	LMX-SAB
8112		+	+	+	+	+	+	+	+	+				+									LMX-SAB	
8125		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+				A2,Cw8	LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		+				LMX-SAB	

Table 32. Individual laboratory results for Serum #1326 - 1327 by Luminex SAB - class I

Ctr	**** Serum 1326 ****														**** Serum 1327 ****														Method												
	A29	B44	B45	B76	A43	B82	A26	A31	A33	A30	A34	A25	A66	A1	Other	A2	A25	A26	A32	B57	B58	A43	A33	A34	A66	A68	A31	A11		A29	A69	A74	B63	A203	A6602	Other					
615	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Other	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Other	LMX-SAB				
725	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A80,B42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A6602	LMX-SAB			
774	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB			
786	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A80,B42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A36	LMX-SAB			
910	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB			
2400	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB			
3224	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB		
3753	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB		
3766	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A6601,A6602,B8201	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A1101,A1102,A6601	LMX-SAB		
3808	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A1101,A1102,A6601	LMX-SAB		
3966	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
4322	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B41,B42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B75,B76,B77	LMX-SAB		
5219	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A10,B17,A10C,A2C >	LMX-SAB		
5462	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
6649	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
8082	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
8086	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
8098	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B12C,B5C,B7C,A1C >	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B5C,A1C,A10C,A2C	LMX-SAB		
8100	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB	
8103	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,A6601,A6602	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B15,A1101,A1102,A6601	LMX-SAB	
8112	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8125	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8128	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB

Table 33. Individual laboratory results for Serum #1328 by Luminex SAB - class I

		**** Serum 1328 ****																					
Ctr	% POS	A1	A2	A25	A26	A3	A31	A33	A34	A36	A43	A68	A69	A74	A80	A11	A66	A30	A29	A6602	Other	Method	
615		+																					LMX-SAB
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
774	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24	LMX-SAB
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2403	LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
3224	29	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2403	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
3766	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A1101,A1102,A6601	LMX-SAB
3808	26	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	A203,A1101,A1102,A6601	LMX-SAB
3966	29	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24	LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
5219	27	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A10,A28,A1C >	LMX-SAB
5462		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
6649	28	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8086	24	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A1C,A10C,A2C	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A2403	LMX-SAB
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A24,A2403,A1101,A1102 >	LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB

Table 34. Individual laboratory results for Serum #1325 - 1328 by C1q - class II

Ctr	**** Serum 1325 ****									**** Serum 1326 ****				**** Serum 1327 ****				**** Serum 1328 ****						Method	
	% POS	DQ4	DQ5	DQ6	DR15	DR16	DR51	DQ8	Other	% POS			Other	% POS	DQ2	DQ8	Other	% POS	DQ7	DQ8	DQ9	DR1	DR4		Other
2400		+	+	+	+	+	+	+		0					+	+			+	+	+	+	+		C1q
3753		+	+	+	+	+	+			0									+	+	+	+	+		C1q

Table 35. Individual laboratory results for Serum #1325 - 1328 by PRA - class II

Ctr	**** Serum 1325 ****										**** Serum 1326 ****				**** Serum 1327 ****										**** Serum 1328 ****										Method																			
	% POS	DQ5	DQ6	DQ4	DQ8	DQ9	DR15	DR16	DR51	Other	% POS	DQ2	DR7	DR9	Other	% POS	DQ7	DQ8	DQ2	DQ4	DQ6	DQ9	DR1	DR10	DR14	DR4	DR7	DR9	Other	% POS	DQ4	DQ7	DQ8	DQ9		DR1	DR10	DR4	DQ2	DQ6	DR14	DR15	Other											
2400	83										29					51														83																					LMX-PRA			
3753	77	+	+	+	+	+	+	+	+		33	+	+	+		57	+	+					+						+	+	87	+	+	+	+	+	+	+							+							LMX-PRA		
8058	8	+	+								0					0	+	+	+	+	+			+	+	+	+				27	+	+	+	+	+	+	+	+	+	+	+	+											LMX-PRA

Table 36. Individual laboratory results for Serum #1325 - 1326 by Luminex Single Antigen - class II

Ctr	**** Serum 1325 ****											**** Serum 1326 ****						Method		
	% POS	DQ4	DQ5	DQ6	DR15	DR16	DR51	DQ8	DQ9	DQA1*01	DQA1*04	Other	% POS	DR7	DR9	DR63	DQ2		DR52	Other
615		+	+	+	+	+	+	+	+			DR11		+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX-SAB
774	74	+	+	+	+	+	+	+	+				26	+	+					LMX-SAB
910		+	+	+	+	+	+	+	+					+	+	+	+		DRB3*01:01, DRB3*03:01	LMX-SAB
2400		+	+	+	+	+	+	+	+					+	+	+	+	+		LMX-SAB
3224	26	+	+	+	+	+	+	+	+	+			13	+	+	+	+		DRB3*01:01, DRB3*03:01	LMX-SAB
3753		+	+	+	+	+	+	+	+					+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX-SAB
3766	85	+	+	+	+	+	+	+	+	+		DQA1*03, DQA1*01:01, DQA1*01:03, DQA1*01:02, DQA1*03:03, DQA1*03:02	65	+	+	+	+	+	DQA1*05, DQA1*05:01, DRB3*03:01, DRB3*01:01	LMX-SAB
3808	30	+	+	+	+	+	+	+	+	+	+		2	+	+					LMX-SAB
3966	29	+	+	+	+	+	+	+	+	+			13	+	+	+	+	+	DQA1*05	LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	DR11,DQA1*02,DQA1*03		+	+	+	+	+	DQA1*04,DQA1*05	LMX-SAB
5219	30	+	+	+	+	+	+	+	+	+	+	DR2,DQ1,DQ3	2	+	+	+				LMX-SAB
5462		+	+	+	+	+	+	+	+					+	+	+	+	+	DRB3*01:01, DRB3*03:01	LMX-SAB
6649	26	+	+	+	+	+	+	+	+				8	+	+	+		+	DPA1*05	LMX-SAB
8082		+	+	+	+	+	+	+	+	+		DQA1*03		+	+	+	+	+	DQA1*05	LMX-SAB
8086	26	+	+	+	+	+	+	+	+	+			1	+						LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+			+	+	+				LMX-SAB
8100		+	+	+	+	+	+	+	+					+	+	+	+	+		LMX-SAB
8103		+	+	+	+	+	+	+	+	+	+	DQ3		+	+	+				LMX-SAB
8112		+	+	+	+	+	+	+	+					+	+	+				LMX-SAB
8125		+	+	+	+	+	+	+	+					+	+	+	+	+		LMX-SAB
8128		+	+	+	+	+	+	+	+					+	+	+	+	+		LMX-SAB

Table 37. Individual laboratory results for Serum #1327 - 1328 by Luminex Single Antigen - class II

Ctr	**** Serum 1327 ****									**** Serum 1328 ****														Method		
	% POS	DQ9	DR7	DQ8	DQ7	DR9	DR52	DR12	Other	% POS	DQ7	DQ8	DQ9	DR1	DR10	DR4	DQ4	DR14	DR15	DR51	DQA1*03	DQA1*06	DQ2		DQA1*04	Other
615		+	+	+	+	+	+	+	DPw5,DP9,DP10,DP17, DRB3*03:01,DRB3*01:01 >		+	+	+	+	+	+	+	+	+	+	+				DR13,DRB5*02:02	LMX-SAB
774	51	+	+	+	+	+	+			71	+	+	+	+	+	+	+	+	+	+			+			LMX-SAB
910		+	+	+	+	+		+	DRB3*01:01, DRB3*03:01		+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
2400		+	+	+	+	+					+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
3224	18	+	+	+	+	+		+	DRB3*01:01, DRB3*03:01	33	+	+	+	+	+	+	+	+	+	+	+				DRB5*02:02	LMX-SAB
3753		+	+	+	+	+	+		DRB3*01:01, DRB3*03:01		+	+	+	+	+	+	+	+	+	+	+				DRB1*14:02,DRB5*02:02	LMX-SAB
3766	64	+	+	+	+	+			DQA1*03,DQA1*05,DQA1*06, DQA1*05:05, DQA1*05:03, DQA1*03:02, DQA1*06:01	89	+	+	+	+	+	+	+	+	+	+	+	+			DQA1*05, DQA1*05:05, DQA1*03:01, DQA1*03:03, DRB5*02:02	LMX-SAB
3808	13	+	+	+	+	+				29	+	+	+	+	+	+	+	+	+	+	+	+		+		LMX-SAB
3966	14	+	+	+	+	+				33	+	+	+	+	+	+	+	+	+	+	+		+			LMX-SAB
4322		+	+	+	+	+	+	+	DPw1,DQA1*03,DQA1*05,DQA1*06		+	+	+	+	+	+	+	+	+	+	+	+		+	DR13,DPw1,DQA1*02,DQA1*05	LMX-SAB
5219	8	+	+	+	+	+			DQ3	34	+	+	+	+	+	+	+	+	+	+	+	+		+	DQ3,DPw2,DP18,DP28,DRB5*02:02	LMX-SAB
5462		+	+	+	+	+	+		DRB3*01:01, DRB3*03:01		+	+	+	+	+	+	+	+	+	+	+				DRB5*02:02	LMX-SAB
6649	17	+	+	+	+	+	+	+		32	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8082		+	+	+	+	+	+	+	DQA1*03,DQA1*05,DQA1*06		+	+	+	+	+	+	+	+	+	+	+	+			DR13,DQA1*05	LMX-SAB
8086	19	+	+	+	+	+	+	+		22	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB
8098		+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw2,DP28	LMX-SAB
8100		+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+		+			LMX-SAB
8103		+	+	+	+	+	+		DQ3		+	+	+	+	+	+	+	+	+	+	+	+		+	DR1404,DQ3	LMX-SAB
8112		+	+	+	+						+	+	+	+	+	+	+	+		+				+		LMX-SAB
8125		+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+		+			LMX-SAB
8128		+	+	+	+	+					+	+	+	+	+	+	+	+	+	+	+					LMX-SAB