

SERUM EXCHANGE #585 FEBRUARY 2, 2022

Serum	1333 - 1336
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The results for Serum Exchange #585 were summarized in Tables 41 - 48 and individual listing of results are shown in tables 49 - 60. Sera strongly

positive to A1, A23, A24, B35, B51, DR8, DR51, and DQ3 (DQ7, DQ8, DQ9) were examined in this second study.

1333	method	#labs	B62	B51	B52	B35	B18	B49	B50	B53	B63	B71	B72	B75	B77	B78	B7801	B56	B54	B55	Cw4	B46	B57	B58	B37	B42
class I	NIH-Std	1	no consensus																							
	AHG	1	no consensus																							
	C1q	3	100%	100%	100%	100%	100%	100%	100%	100%	33%	100%	100%	100%	100%	100%		67%	33%		100%	33%				
	PRA	3	67%	67%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%		33%	33%				33%	33%	33%	33%
	SAB	20	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%	100%	100%	95%	20%	100%	100%	100%	100%	100%	100%	95%	100%	100%

1333	method	#labs	B45	B7	B60	B61	B39	B3901	B38	B8	B59	A66	A6601	A25	A68	B48	B65	B64	B41	B67	B76	B82	B8201	Cw10	Cw9	B81
	C1q	3					33%																			
	PRA	3	33%	33%	33%		33%		33%	33%	33%	33%		33%	33%	33%	33%									
	SAB	20	100%	100%	100%	100%	90%	20%	100%	100%	95%	90%	20%	85%	85%	90%	100%	100%	100%	100%	100%	100%	15%	95%	95%	90%

1333	method	#labs	B8101	A34	A33	B73	A69	B27	B2708	Bw6	B13	Cw18	A26	B703	Bw4	A6602	B14	B15	B40	B5C	B8C	Cw12	Cw3	B12C
	SAB	20	20%	85%	80%	75%	70%	60%	55%	40%	35%	35%	20%	15%	15%	10%	10%	10%	10%	10%	10%	10%	10%	5%

1333	method	#labs	DR8	DQ4	DQ8	DQ9	DR11	DR12	DR13	DR14	DR1403	DR1404	DR17	DR18	DQA1*05	DQA1*06	DQ7	DQA1*03	DQA1*04	DQ3	DQA1*02	DR3	DQ2	DR5	DR6
class II	C1q	2	100%	100%																					
	PRA	3	33%	67%	33%	33%	33%	33%	33%	33%			33%	33%			33%								
	SAB	18	100%	100%	100%	100%	100%	100%	100%	100%	17%	17%	94%	89%	56%	39%	33%	28%	28%	11%	11%	11%	5%	5%	5%

Serum 1333. Strong anti-B35 (22687) and -B51 (21933) reactivity was detected in this sample by all methods. In addition, reactivity to a number of 5C specificities, including anti-B62 (17361), -B52 (13821), -B18 (17999), -B49 (15503), -B50 (14926), and -B53 (21306) reactivity was reported by various methods. C1q, PRA, and SAB labs also reported strong anti-B56 (15304) and

-B54 (13654) reactivity.

Class II reactivity was reported by C1q, PRA, and SAB, with all 3 reporting reactivity to DR8 (13169) and DQ4 (16947). Additional DQ and DR reactivity was also reported by PRA and SAB, including reactivity to DQ8 (7686), DQ9 (6385), DR11 (3228), DR12 (9575), DR13 (2891) and DR14 (2771).

*(median MFI by SAB)

1334	method	#labs	NEG	Cw7	B73	Cw12	Cw16	Cw8	B38	B67	B39	B3901	Cw10	Cw17	Cw9	A68	A34	A25	B54	B46	A33	B8	B18	B41	B42	B59	Cw18
class II	NIH-Std	1	no consensus																								
	AHG	1	no consensus																								
	C1q	3		67%	67%	67%	67%	67%					33%														
	PRA	3	33%	33%					33%							33%	33%	33%	33%								
	SAB	20		100%	100%	100%	100%	100%	95%	95%	85%	20%	85%	85%	85%	75%	70%	65%	75%	75%	70%	65%	60%	60%	60%	60%	55%

1334	method	#labs	A66	A6601	A6602	A80	A11	A1101	A1102	B55	B64	A26	A36	A69	Cw4	A23	Cw6	A1	A43	B65	Cw2	A29	Bw4	Bw6	B37	Cw3
	SAB	20	45%	10%	10%	45%	35%	5%	5%	35%	35%	30%	30%	30%	25%	20%	20%	15%	15%	15%	10%	5%	5%	5%	5%	5%

1334	method	#labs	NEG	DR8	DR103	DR11	DR12	DR13	DR16	DQ4	DQ6	DR4	DR51	DQ5	DQA1*03	DQA1*01	DR7	DR1403	DR1404	DQA1*04	DR1	DR14	DR2	DR5
class II	C1q	2		100%																				
	PRA	3	33%	33%	33%	33%	33%	33%	33%	33%	33%													
	SAB	18		100%	100%	100%	100%	100%	100%	100%	89%	89%	89%	72%	33%	28%	28%	17%	17%	5%	5%	5%	5%	5%

Serum 1334. Strong anti-Cw7 (20242) and –DR8 (16901) reactivity was reported in this sample by C1q, PRA, and SAB. Additional reactivity to other C-locus specificities (Cw12, Cw16, Cw8, and Cw10) was also reported by C1q

and SAB. Respective median MFI's for each were 11751, 9997, 9764, and 4986. Anti-B38 (6233), -B54 (2441), as well as reactivity to a number of 10C and DR specificities was reported by PRA and SAB.

*(median MFI by SAB)

1335	method	#labs	A23	A24	A32	B57	B58	B38	B53	B63	B49	B51	B59	B77	A2	A25	A26	A34	A66	A33	A68	A69	B13	B37
class I	NIH-Std	1	no consensus																					
	AHG	1	no consensus																					
	C1q	3	100%	100%	100%	100%	100%	100%	67%	100%	100%	33%	100%	67%		100%								
	PRA	3	67%	67%	67%	67%	67%	67%	67%	67%	67%	33%		33%	33%	33%	67%	67%	67%	67%	67%	67%	33%	33%
	SAB	20	100%	95%	100%	100%	100%	95%	100%	100%	100%	100%	100%	100%	100%	100%	95%	100%	85%	100%	100%	100%	100%	100%

1335	method	#labs	B44	B47	B52	B27	B2705	Cw2	Cw6	Cw5	Cw18	Bw4	Cw15	A203	A2403	A6601	A2C	A6602	B15	Cw16	Cw17	A10	A10C	A1
	C1q	3					67%	67%				33%												
	PRA	3	67%	33%	67%	33%		33%	33%			33%												33%
	SAB	20	100%	100%	100%	75%	40%	95%	70%	55%	45%	40%	35%	25%	25%	20%	10%	10%	10%	10%	10%	5%	5%	

1335	method	#labs	NEG	DR51	DR11	DR15	DR16	DR8	DR9	DR1	DR10	DR103	DPw2	DR12	DP14	DP17	DP28	DP9	DPw3	DPw6	
class II	C1q	2	50%	50%																	
	PRA	3		67%	67%	67%	67%	67%	67%	33%	33%	33%		33%							
	SAB	18		100%	100%	100%	100%	100%	100%	100%	100%	100%	94%	94%	100%	100%	100%	100%	100%	100%	100%
1335	method	#labs	DP20	DP18	DPw4	DP10	DP402	DPA1*04	DPA1*01	DR13	DPA1*02	DPA1*03	DPw1	DP13	DR18	DR2	DR5	DQ2	DQ4		
	PRA	3																33%	33%		
	SAB	18	83%	78%	72%	61%	28%	22%	17%	17%	11%	11%	11%	5%	5%	5%	5%				

Serum 1335. Strong anti-A24 (16880) and –B57 (17955) reactivity was detected by all methods in this sample. In addition, strong reactivity to A23 (18854), B38 (16846), as well as reactivity to a number of 5C and 10C specificities, including A25 (13802), A32 (17172), B58 (15205), B53 (14427), and B63 (14144), was reported by various labs.

Labs reporting by C1q, PRA, and SAB detected anti-DR51 (9512) reactivity in this sample. Additional reactivity to number of DR specificities, including DR11 (3021), DR15 (7361), DR16 (10330), DR8 (3039), and DR9 (4348) was reported by PRA and SAB.

*(median MFI by SAB)

1336	method	#labs	NEG	A1	A32	A23	A24	A2403	A25	B49	B50	B51	B52	B57	B58	B53	B63	B77	B78	B7801	B62	B72	B18
class I	NIH-Std	1	no consensus																				
	AHG	1	no consensus																				
	C1q	3		100%	100%	67%	67%		100%	100%		100%	67%	33%		67%	67%	67%	67%				
	PRA	3	33%	33%	33%	33%	33%			33%	33%		33%	33%	33%	33%	33%	33%	33%		33%	33%	33%
	SAB	20		100%	100%	100%	100%	25%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%	20%	100%	100%	100%
1336	method	#labs	B38	B35	B13	B56	B54	B27	B2705	B47	B8	A33	A80	B37	B44	B59	A36	B64	B65	B71	B75	B76	
	PRA	3	33%	33%	33%	33%	33%	33%		33%	33%	33%	33%										
	SAB	20	100%	100%	100%	100%	80%	80%	45%	95%	85%	95%	50%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
1336	method	#labs	Cw2	Cw15	Cw17	Cw18	Cw5	Cw6	B46	Cw10	Cw9	Cw4	B48	Bw4	B39	B45	A6601	B14	B15	B5C	A29	A2C	
	SAB	20	95%	100%	100%	100%	100%	100%	95%	95%	90%	85%	40%	40%	25%	15%	10%	10%	10%	10%	5%	5%	

1336	method	#labs	NEG	DQ7	DQ8	DQ9	DR4	DR53	DQA1*03	DQA1*04	DQA1*05	DQ4	DQA1*06	DQ2	DR9	DQ3	DQA1*02	DR7	DQ6	DR1	DR10	DR103	DR11
class II	C1q	2		100%	100%	100%																	
	PRA	3	33%	33%	33%	33%	33%	33%															
	SAB	18		100%	100%	100%	100%	94%	83%	83%	83%	67%	61%	44%	33%	11%	11%	11%	5%	5%	5%	5%	5%

Serum 1336. Strong anti-A1 (17868) reactivity was reported in this sample by all methods. In addition, reactivity to A32 (8100), A23 (12545), A24 (A*24:03)(8508), A25 (7153), B38 (8743), as well as reactivity to a number of 5C and 7C specificities was reported by various methods. Luminex labs also reported reactivity to a number of C-locus specificities, including Cw2 (8200), Cw15 (9604), Cw17 (7080), Cw18 (8016), Cw5 (9073), and Cw6 (7573).

Class II reactivity was also detected in this sample, with C1q, PRA, and SAB reporting strong anti-DQ7 (16724), -DQ8 (16276), and -DQ9 (15123) reactivity. DR4 and DR53 reactivity was also reported by PRA and SAB labs, while > 80% of SAB labs reported anti-DQA1*03 (10443), -DQA1*04 (5842), and -DQA1*05 (11257) reactivity.

*(median MFI by SAB)

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Table 41. Summary of the 585th Serum Exchange (Serum #1333-1336) by NIH-Standard - class I

Method: NIH-Standard											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no consensus			NT			no consensus			no consensus		

Table 42. Summary of the 585th Serum Exchange (Serum #1333-1336) by Antiblogulin - class I

Method: Antiglobulin											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
1 typing Lab			1 typing Lab			1 typing Lab			1 typing Lab		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
no consensus			NT			no consensus			no consensus		

Table 43. Summary of the 585th Serum Exchange (Serum #1333-1336) by C1q - class I

Method: C1q											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B18	100%	100%	B73	67%	100%	A23	100%	100%	A1	100%	100%
B35	100%	100%	Cw12	67%	100%	A24	100%	100%	A25	100%	100%
B49	100%	100%	Cw16	67%	100%	A25	100%	100%	A32	100%	100%
B50	100%	100%	Cw7	67%	100%	A32	100%	100%	B49	100%	100%
B51	100%	100%	Cw8	67%	100%	B38	100%	100%	B51	100%	100%
B52	100%	100%	Cw10	33%	100%	B49	100%	100%	A23	67%	100%
B53	100%	100%				B57	100%	100%	A24	67%	100%
B62	100%	100%				B58	100%	100%	B52	67%	100%
B71	100%	100%				B59	100%	100%	B53	67%	100%
B72	100%	100%				B63	100%	100%	B63	67%	100%
B75	100%	100%				B53	67%	100%	B77	67%	100%
B77	100%	100%				B77	67%	100%	B78	67%	100%
B78	100%	100%				Cw2	67%	100%	B57	33%	100%
Cw4	100%	100%				B51	33%	100%			
B56	67%	100%				Bw4	33%	100%			
B39	33%	100%									
B46	33%	100%									
B54	33%	100%									
B63	33%	100%									

Table 44. Summary of the 585th Serum Exchange (Serum #1333-1336) by PRA

Method: Luminex - PRA											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B51	67%	100%	NEG	33%	-	A23	67%	100%	NEG	33%	-
B62	67%	100%	A25	33%	100%	A24	67%	100%	A1	33%	100%
A25	33%	100%	A34	33%	100%	A26	67%	100%	A23	33%	100%
A66	33%	100%	A68	33%	100%	A32	67%	100%	A24	33%	100%
A68	33%	100%	B38	33%	100%	A33	67%	100%	A32	33%	100%
B18	33%	100%	B54	33%	100%	A34	67%	100%	A33	33%	100%
B35	33%	100%	Cw7	33%	100%	A66	67%	100%	A80	33%	100%
B37	33%	100%				A68	67%	100%	B13	33%	100%
B38	33%	100%				A69	67%	100%	B18	33%	100%
B39	33%	100%				B38	67%	100%	B27	33%	100%
B42	33%	100%				B44	67%	100%	B35	33%	100%
B45	33%	100%				B49	67%	100%	B38	33%	100%
B48	33%	100%				B52	67%	100%	B47	33%	100%
B49	33%	100%				B53	67%	100%	B49	33%	100%
B50	33%	100%				B57	67%	100%	B50	33%	100%
B52	33%	100%				B58	67%	100%	B52	33%	100%
B53	33%	100%				B63	67%	100%	B53	33%	100%
B54	33%	100%				A1	33%	100%	B54	33%	100%
B56	33%	100%				A2	33%	100%	B56	33%	100%
B57	33%	100%				A25	33%	100%	B57	33%	100%
B58	33%	100%				B13	33%	100%	B58	33%	100%
B59	33%	100%				B27	33%	100%	B62	33%	100%
B60	33%	100%				B37	33%	100%	B63	33%	100%
B63	33%	100%				B47	33%	100%	B72	33%	100%
B65	33%	100%				B51	33%	100%	B77	33%	100%
B7	33%	100%				B77	33%	100%	B78	33%	100%
B71	33%	100%				Bw4	33%	100%	B8	33%	100%
B72	33%	100%				Cw2	33%	100%			
B75	33%	100%				Cw6	33%	100%			
B77	33%	100%									
B78	33%	100%									
B8	33%	100%									

Table 45. Summary of the 585th Serum Exchange (Serum #1333-1336) by Single Antigen - class I

Method: Luminex - SAB												
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***			
20 typing Labs			20 typing Labs			20 typing Labs			20 typing Labs			
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	
B18	100%	100%	B73	100%	100%	A2	100%	100%	A1	100%	100%	
B35	100%	100%	Cw12	100%	100%	A23	100%	100%	A23	100%	100%	
B37	100%	100%	Cw16	100%	100%	A25	100%	100%	A24	100%	100%	
B38	100%	100%	Cw7	100%	100%	A32	100%	100%	A25	100%	100%	
B41	100%	100%	Cw8	100%	100%	A33	100%	100%	A32	100%	100%	
B42	100%	100%	B38	95%	100%	A34	100%	100%	A36	100%	100%	
B45	100%	100%	B67	95%	100%	A68	100%	100%	B13	100%	100%	
B46	100%	100%	B39	85%	100%	A69	100%	100%	B18	100%	100%	
B49	100%	100%	Cw10	85%	100%	B13	100%	100%	B35	100%	100%	
B50	100%	100%	Cw17	85%	100%	B37	100%	100%	B37	100%	100%	
B51	100%	100%	Cw9	85%	100%	B44	100%	100%	B38	100%	100%	
B52	100%	100%	A68	75%	100%	B47	100%	100%	B44	100%	100%	
B53	100%	100%	B46	75%	100%	B49	100%	100%	B49	100%	100%	
B54	100%	100%	B54	75%	100%	B51	100%	100%	B50	100%	100%	
B55	100%	100%	A33	70%	100%	B52	100%	100%	B51	100%	100%	
B56	100%	100%	A34	70%	100%	B53	100%	100%	B52	100%	100%	
B57	100%	100%	A25	65%	100%	B57	100%	100%	B53	100%	100%	
B60	100%	100%	B8	65%	100%	B58	100%	100%	B56	100%	100%	
B61	100%	100%	B18	60%	100%	B59	100%	100%	B57	100%	100%	
B62	100%	100%	B41	60%	100%	B63	100%	100%	B58	100%	100%	
B63	100%	100%	B42	60%	100%	B77	100%	100%	B59	100%	100%	
B64	100%	100%	B59	60%	100%	A24	95%	100%	B62	100%	100%	
B65	100%	100%	Cw18	55%	100%	A26	95%	100%	B63	100%	100%	
B67	100%	100%	A66	45%	100%	B38	95%	100%	B64	100%	100%	
B7	100%	100%	A80	45%	100%	Cw2	95%	100%	B65	100%	100%	
B71	100%	100%	A11	35%	100%	A66	85%	100%	B71	100%	100%	
B75	100%	100%	B55	35%	100%	B27	75%	100%	B72	100%	100%	
B76	100%	100%	B64	35%	100%	Cw6	70%	100%	B75	100%	100%	
B77	100%	100%	A26	30%	100%	Cw5	55%	100%	B76	100%	100%	
B8	100%	100%	A36	30%	100%	Cw18	45%	100%	B77	100%	100%	
B82	100%	100%	A69	30%	100%	B2705	40%	100%	Cw15	100%	100%	
Cw4	100%	100%	Cw4	25%	100%	Bw4	40%	100%	Cw17	100%	100%	
B58	95%	100%	A23	20%	100%	Cw15	35%	100%	Cw18	100%	100%	
B59	95%	100%	B3901	20%	100%	A203	25%	100%	Cw5	100%	100%	
B72	95%	100%	Cw6	20%	100%	A2403	25%	100%	Cw6	100%	100%	

Table 45. Summary of the 585th Serum Exchange (Serum #1333-1336) by Single Antigen - class I

Method: Luminex - SAB, cont.											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
20 typing Labs			20 typing Labs			20 typing Labs			20 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
B78	95%	100%	A1	15%	100%	A6601	20%	100%	A33	95%	100%
Cw10	95%	100%	A43	15%	100%	A2C	10%	100%	B46	95%	100%
Cw9	95%	100%	B65	15%	100%	A6602	10%	100%	B47	95%	100%
A66	90%	100%	A6601	10%	100%	B15	10%	100%	B78	95%	100%
B39	90%	100%	A6602	10%	100%	Cw16	10%	100%	Cw10	95%	100%
B48	90%	100%	Cw2	10%	100%	Cw17	10%	100%	Cw2	95%	100%
B81	90%	100%	A1101	5%	100%	A10	5%	100%	Cw9	90%	100%
A25	85%	100%	A1102	5%	100%	A10C	5%	100%	B8	85%	100%
A34	85%	100%	A29	5%	100%	A28	5%	100%	Cw4	85%	100%
A68	85%	100%	B14	5%	100%	A9	5%	100%	B27	80%	100%
A33	80%	100%	B16	5%	100%	B12	5%	100%	B54	80%	100%
B73	75%	100%	B37	5%	100%	B16	5%	100%	A80	50%	100%
A69	70%	100%	Bw4	5%	100%	B17	5%	100%	B2705	45%	100%
B27	60%	100%	Bw6	5%	100%	B18	5%	100%	B48	40%	100%
B2708	55%	100%	Cw3	5%	100%	B5	5%	100%	Bw4	40%	100%
Bw6	40%	100%			B62	5%	100%	A2403	25%	100%	
B13	35%	100%						B39	25%	100%	
Cw18	35%	100%						B7801	20%	100%	
A26	20%	100%						B45	15%	100%	
A6601	20%	100%						A6601	10%	100%	
B3901	20%	100%						B14	10%	100%	
B7801	20%	100%						B15	10%	100%	
B8101	20%	100%						B5C	10%	100%	
B703	15%	100%						A29	5%	100%	
B8201	15%	100%						A2C	5%	100%	
Bw4	15%	100%						A43	5%	100%	
A6602	10%	100%						A66	5%	100%	
B14	10%	100%						A9	5%	100%	
B15	10%	100%						B12C	5%	100%	
B40	10%	100%						B16	5%	100%	
B5C	10%	100%						B17	5%	100%	
B8C	10%	100%						B21	5%	100%	
Cw12	10%	100%						B3901	5%	100%	
Cw3	10%	100%						B4005	5%	100%	
B12C	5%	100%						B5	5%	100%	

Table 46. Summary of the 585th Serum Exchange (Serum #1333-1336) by C1q - class II

Method: Luminex - C1q											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
2 typing Labs			2 typing Labs			2 typing Labs			2 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ4	100%	100%	DR8	100%	100%	NEG	50%	100%	DQ7	100%	100%
DR8	100%	100%				DR51	50%	100%	DQ8	100%	100%
									DQ9	100%	100%

Table 47. Summary of the 585th Serum Exchange (Serum #1333-1336) by PRA - class II

Method: Luminex - PRA											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
3 typing Labs			3 typing Labs			3 typing Labs			3 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ4	67%	100%	NEG	33%	-	DR11	67%	100%	NEG	33%	-
DQ7	33%	100%	DQ4	33%	100%	DR15	67%	100%	DQ7	33%	100%
DQ8	33%	100%	DQ6	33%	100%	DR16	67%	100%	DQ8	33%	100%
DQ9	33%	100%	DR103	33%	100%	DR51	67%	100%	DQ9	33%	100%
DR11	33%	100%	DR11	33%	100%	DR8	67%	100%	DR4	33%	100%
DR12	33%	100%	DR12	33%	100%	DR9	67%	100%	DR53	33%	100%
DR13	33%	100%	DR13	33%	100%	DQ2	33%	100%			
DR14	33%	100%	DR16	33%	100%	DQ4	33%	100%			
DR17	33%	100%	DR8	33%	100%	DQ5	33%	100%			
DR18	33%	100%				DQ6	33%	100%			
DR8	33%	100%				DQ8	33%	100%			
						DR1	33%	100%			
						DR10	33%	100%			
						DR103	33%	100%			
						DR12	33%	100%			
						DR4	33%	100%			

Table 48. Summary of the 585th Serum Exchange (Serum #1333-1336) by Single Antigen - class II

Method: Luminex - SAB											
*** Serum 1333 ***			*** Serum 1334 ***			*** Serum 1335 ***			*** Serum 1336 ***		
18 typing Labs			18 typing Labs			18 typing Labs			18 typing Labs		
Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion	Antigen	Consensus	Inclusion
DQ4	100%	100%	DQ4	100%	100%	DP14	100%	100%	DQ7	100%	100%
DQ8	100%	100%	DR103	100%	100%	DP17	100%	100%	DQ8	100%	100%
DQ9	100%	100%	DR11	100%	100%	DP28	100%	100%	DQ9	100%	100%
DR11	100%	100%	DR12	100%	100%	DP9	100%	100%	DR4	100%	100%
DR12	100%	100%	DR13	100%	100%	DPw3	100%	100%	DR53	94%	100%
DR13	100%	100%	DR16	100%	100%	DPw6	100%	100%	DQA1*03	83%	100%
DR14	100%	100%	DR8	100%	100%	DR1	100%	100%	DQA1*04	83%	100%
DR8	100%	100%	DQ6	89%	100%	DR10	100%	100%	DQA1*05	83%	100%
DR17	94%	100%	DR4	89%	100%	DR103	100%	100%	DQ4	67%	100%
DR18	89%	100%	DR51	89%	100%	DR11	100%	100%	DQA1*06	61%	100%
DQA1*05	56%	100%	DQ5	72%	100%	DR15	100%	100%	DQ2	44%	100%
DQA1*06	39%	100%	DQA1*03	33%	100%	DR16	100%	100%	DR9	33%	100%
DQ7	33%	100%	DQA1*01	28%	100%	DR51	100%	100%	DQ3	11%	100%
DQA1*03	28%	100%	DR7	28%	100%	DR8	100%	100%	DQA1*02	11%	100%
DQA1*04	28%	100%	DR1403	17%	100%	DR9	100%	100%	DR7	11%	100%
DR1403	17%	100%	DR1404	17%	100%	DPw2	94%	100%	DQ6	5%	100%
DR1404	17%	100%	DQA1*04	5%	100%	DR12	94%	100%	DR1	5%	100%
DQ3	11%	100%	DR1	5%	100%	DP20	83%	100%	DR10	5%	100%
DQA1*02	11%	100%	DR14	5%	100%	DP18	78%	100%	DR103	5%	100%
DR3	11%	100%	DR2	5%	100%	DPw4	72%	100%	DR11	5%	100%
DQ2	5%	100%	DR5	5%	100%	DP10	61%	100%	DR13	5%	100%
DR5	5%	100%				DP402	28%	100%	DR17	5%	100%
DR6	5%	100%				DPA1*04	22%	100%	DR51	5%	100%
						DPA1*01	17%	100%	DR52	5%	100%
						DR13	17%	100%			
						DPA1*02	11%	100%			
						DPA1*03	11%	100%			
						DPw1	11%	100%			
						DP13	5%	100%			
						DR18	5%	100%			
						DR2	5%	100%			
						DR5	5%	100%			

Table 49. Individual laboratory results for Serum #1333 - 1336 by NIH-Standard - class I

Ctr	**** Serum 1333 ****				**** Serum 1334 ****				**** Serum 1335 ****				**** Serum 1336 ****				Method
	% POS	B35	B51	Other	% POS		Other		% POS	A24	B57	Other	% POS	A1	Other		
786		+	+		NT					+	+			+		STD	

Std = NIH-Standard

Table 50. Individual laboratory results for Serum #1333 - 1336 by Antiglobulin - class I

Ctr	**** Serum 1333 ****							**** Serum 1334 ****				**** Serum 1335 ****					**** Serum 1336 ****			Method	
	% POS	B15	B35	B51	B62	B53	Other	% POS		Other	% POS	A23	A24	B57	B58	Other	% POS	A1	B51		Other
786		+	+	+	+	+		NT				+	+	+	+			+	+		Antiglobulin

Table 51. Individual laboratory results for Serum #1333 - 1336 by C1q - class I

**** Serum 1333 ****																	**** Serum 1334 ****															
Ctr	% POS	B18	B35	B49	B50	B51	B52	B53	B62	B71	B72	B75	B77	B78	Cw4	B56	Other	% POS	B73	Cw12	Cw16	Cw7	Cw8								Other	Method
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+																	C1q
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+								Cw10	C1q
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B54,B63,B39,B46		+	+	+	+	+									C1q

**** Serum 1335 ****																	**** Serum 1336 ****															
Ctr	% POS	A23	A24	A25	A32	B38	B49	B57	B58	B59	B63	B53	B77	Cw2			Other	% POS	A1	A25	A32	B49	B51	A23	A24	B52	B53	B63	B77	B78	Other	Method
786		+	+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+									C1q
2400		+	+	+	+	+	+	+	+	+	+	+	+	+			B51		+	+	+	+	+	+	+	+	+	+	+	+	B57	C1q
3753		+	+	+	+	+	+	+	+	+	+	+	+	+			Bw4		+	+	+	+	+	+	+	+	+	+	+	+		C1q

Table 52. Individual laboratory results for Serum #1333 - 1336 by PRA - class I

**** Serum 1333 ****																	**** Serum 1334 ****																								
Ctr	% POS	B51	B62	A25	A66	A68	B18	B35	B37	B38	B39	B42	B45	B48	B49	B50	B52	B53	Other	% POS	A25	A34	A68	B38	B54	Cw7														Other	Method
2400	100																			57																					LMX-PRA
3753	98	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	B60,B78,B7,B54 >	66	+	+	+	+	+	+															LMX-PRA
8058	5	+	+								+								B75	0																				LMX-PRA	

**** Serum 1335 ****																	**** Serum 1336 ****																								
Ctr	% POS	A23	A24	A26	A32	A33	A34	A66	A68	A69	B38	B44	B49	B52	B53	B57	B58	B63	Other	% POS	A1	A23	A24	A32	A33	A80	B13	B18	B27	B35	B38	B47	B49	B50	B52	B53	B54	Other	Method		
2400	93																			96																					LMX-PRA
3753	82	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A2,A25,Bw4	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B62,B56,B63 >	LMX-PRA	
8058	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,B13,B47,B27 >	0																					LMX-PRA

Table 53. Individual laboratory results for Serum #1333 by Single Antigen - class I

		**** Serum 1333 ****																																																									
Ctr	% POS	B18	B35	B37	B38	B41	B42	B45	B46	B49	B50	B51	B52	B53	B54	B55	B56	B57	B60	B61	B62	B63	B64	B65	B67	B7	B71	B75	B76	B77	B8	B82	Cw4	B58	B59	B72	B78	Cw10	Cw9	A66	B39	B48	B81	A25	A34	A68													
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3224	61	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3766	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3808	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3966	65	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
5219	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
6649	58	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Table 53. Individual laboratory results for Serum #1333 by Single Antigen - class I, cont.

**** Serum 1333 ****									
Ctr	% POS	A33	B73	A69	B27	B2708	Bw6	Other	Method
615		+	+	+	+			B13,A26,Cw18	LMX-SAB
725						+			LMX-SAB
786		+	+	+	+			B13,A26,Cw18	LMX-SAB
910		+	+	+		+	+		LMX-SAB
2400		+			+				LMX-SAB
3224	61	+	+	+	+		+	B13,A26,Cw18	LMX-SAB
3753		+	+	+		+	+		LMX-SAB
3766	97	+	+	+	+	+		B8101,B7801,A6601,A6602 >	LMX-SAB
3808	47					+		B703,B8101,B7801,A6601 >	LMX-SAB
3966	65	+	+	+	+			B13,Cw1,Cw12,Cw15 >	LMX-SAB
4322		+	+	+		+	+	Cw6,B13,A26,Bw4 >	LMX-SAB
5219	43				+	+	+	B40,B15,B70,B21 >	LMX-SAB
6649	58	+	+	+	+				LMX-SAB
8082		+	+	+		+	+	B13,Cw18	LMX-SAB
8098						+	+	B703,Bw4,B8201,B3901	LMX-SAB
8100		+	+	+	+		+	B5C,B8C	LMX-SAB
8103		+	+		+	+		B40,B15,B14,B8101 >	LMX-SAB
8112		+	+	+	+				LMX-SAB
8125		+	+	+	+			Cw7,Cw18,B4005	LMX-SAB
8128		+	+	+		+		B13,Cw12	LMX-SAB

Table 54. Individual laboratory results for Serum #1334 by Single Antigen

		**** Serum 1334 ****																																				
Ctr	% POS	B73	Cw12	Cw16	Cw7	Cw8	B38	B67	B39	Cw10	Cw17	Cw9	A68	B46	B54	A33	A34	A25	B8	B18	B41	B42	B59	Cw18	A66	A80	A11	B55	B64	A26	A36	A69	Other	Method				
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,A1,A23,A43 >	LMX-SAB				
725		+	+	+	+	+	+	+	+	+	+	+	+		+		+																		LMX-SAB			
786		+	+	+	+	+				+		+																							LMX-SAB			
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+								A6601, A*68:01	LMX-SAB		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													LMX-SAB		
3224	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A23	LMX-SAB			
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+								+		LMX-SAB		
3766	94	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw6,A1101,A1102,A6601 >	LMX-SAB			
3808	11	+	+	+	+	+	+	+			+																								B3901	LMX-SAB		
3966	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	LMX-SAB			
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw6,A1,A23 >	LMX-SAB		
5219	9	+	+	+	+	+	+	+	+		+																								B16,B3901	LMX-SAB		
6649	24	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+		+													LMX-SAB		
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw4,Cw6,A1,A29 >	LMX-SAB		
8098		+	+	+	+	+	+	+																												Bw4,Bw6,B3901	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+												LMX-SAB	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B14,Cw3,A6602	LMX-SAB		
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					+		LMX-SAB		
8125		+	+	+	+	+	+	+	+	+	+	+		+			+									+										Cw4,Cw6,Cw2	LMX-SAB	
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+												Cw4	LMX-SAB

Table 54. Individual laboratory results for Serum #1335 by Single Antigen

		**** Serum 1335 ****																																					
Ctr	% POS	A2	A23	A25	A32	A33	A34	A68	A69	B13	B37	B44	B47	B49	B51	B52	B53	B57	B58	B59	B63	B77	A24	A26	B38	Cw2	A66	B27	Cw6	Cw5	Cw18	B2705	Bw4	Cw15	Other	Method			
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB		
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					LMX-SAB	
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B18	LMX-SAB		
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB		
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB	
3224	42	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB	
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
3766	92	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A2403,A6601,A6602	LMX-SAB		
3808	36	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A2403,A6601	LMX-SAB		
3966	43	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw16,Cw17	LMX-SAB	
5219	34	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A9,A203,B15,A10 >	LMX-SAB		
6649	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB	
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Cw17	LMX-SAB	
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,A2403	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A10C,A2C	LMX-SAB	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A203,B15,A2403,A6601 >	LMX-SAB	
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B62,Cw16	LMX-SAB	
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB

Table 55. Individual laboratory results for Serum #1336 by Single Antigen

		**** Serum 1336 ****																																																					
Ctr	% POS	A1	A23	A24	A25	A32	A36	B13	B18	B35	B37	B38	B44	B49	B50	B51	B52	B53	B56	B57	B58	B59	B62	B63	B64	B65	B71	B72	B75	B76	B77	Cw15	Cw17	Cw18	Cw5	Cw6	A33	B46	B47	B78	Cw10	Cw2	Cw9												
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									
725		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								
786		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
3224	56	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3766	98	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						
3808	50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
3966	57	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
5219	48	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
6649	55	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Table 55. Individual laboratory results for Serum #1336 by Single Antigen, cont

**** Serum 1336 ****											
Ctr	% POS	B8	Cw4	B27	B54	A80	B2705	B48	Bw4	Other	Method
615		+	+	+	+	+	+	+		B45,B39	LMX-SAB
725		+	+	+	+						LMX-SAB
786		+	+	+	+	+		+			LMX-SAB
910		+	+		+		+		+	A*33:01	LMX-SAB
2400		+	+	+							LMX-SAB
3224	56	+	+		+	+	+	+	+	B39	LMX-SAB
3753		+	+	+	+	+			+		LMX-SAB
3766	98	+	+	+	+	+	+	+		A66,A*66:01, B45,B39,A2403 >	LMX-SAB
3808	50			+			+			Cw403,A2403,B7801	LMX-SAB
3966	57	+	+	+	+	+		+			LMX-SAB
4322		+	+		+	+	+	+	+	B45,A29,A43,B39 >	LMX-SAB
5219	48		+	+			+		+	A9,B15,B70,B21 >	LMX-SAB
6649	55	+		+	+						LMX-SAB
8082		+	+	+	+				+		LMX-SAB
8098		+	+	+					+	Bw6,A2403	LMX-SAB
8100		+	+	+	+	+	+		+	B5C	LMX-SAB
8103		+	+	+	+		+			B15,B14,Cw3,A2403 >	LMX-SAB
8112		+		+	+						LMX-SAB
8125		+	+	+	+	+		+		B39,Cw16,B4005	LMX-SAB
8128		+	+		+	+	+	+			LMX-SAB

Table 56. Individual laboratory results for Serum #1333 - #1336 by C1q - class II

Ctr	**** Serum 1333 ****				**** Serum 1334 ****				**** Serum 1335 ****				**** Serum 1336 ****				Method
	% POS	DQ4	DR8	Other	% POS	DR8	Other	% POS	DR51	Other	% POS	DQ7	DQ8	DQ9	Other		
2400		+	+			+			+			+	+	+		C1q	
3753		+	+			+		0				+	+	+		C1q	

Table 57. Individual laboratory results for Serum #1333 - #1336 by PRA - class II

**** Serum 1333 ****									**** Serum 1334 ****							**** Serum 1335 ****							**** Serum 1336 ****									
Ctr	% POS	DQ4	DQ7	DQ8	DQ9	DR11	DR12	Other	% POS	DQ4	DQ6	DR103	DR11	DR12	DR13	Other	% POS	DR11	DR15	DR16	DR51	DR8	DR9	Other	% POS	DQ7	DQ8	DQ9	DR4	DR53	Other	Method
2400	69								80								86								63							LMX-PRA
3753	80	+	+	+	+	+	+	DR8,DR13,DR14,DR17>	90	+	+	+	+	+	+	DR8,DR16	77	+	+	+	+	+	+	DR1,DR103,DR10	67	+	+	+	+	+		LMX-PRA
8058	2	+							0								36	+	+	+	+	+	+	DR4,DR12,DQ2,DQ4>	0							LMX-PRA

Table 58. Individual laboratory results for Serum #1333 - #1334 by Single Antigen - class II

Ctr	**** Serum 1333 ****															**** Serum 1334 ****															Method				
	% POS	DQ4	DQ8	DQ9	DR11	DR12	DR13	DR14	DR8	DR17	DR18	DQA1*05	DQA1*06	DQ7	DQA1*03	DQA1*04	Other	% POS	DQ4	DR103	DR11	DR12	DR13	DR16	DR8	DQ6	DR4	DR51	DQ5	DQA1*03		DQA1*01	DR7	Other	
615		+	+	+	+	+	+	+	+	+	+	+	+						+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*04:02, DRB5*01:01	LMX-SAB
910		+	+	+	+	+	+	+	+	+		+					DQA1*06:01		+	+	+	+	+	+	+	+	+	+					DRB1*04:02, DRB5*01:01	LMX-SAB	
2400		+	+	+	+	+	+	+				+		+					+	+	+	+	+	+	+	+	+	+						LMX-SAB	
3224	25	+	+	+	+	+	+	+	+	+	+	+	+					23	+	+	+	+	+	+	+	+	+				+	+	DRB1*04:02, DRB5*01:01	LMX-SAB	
3753		+	+	+	+	+	+	+	+	+				+			DQB1*03:19		+	+	+	+	+	+	+	+	+	+					DRB1*04:02, DRB5*01:01	LMX-SAB	
3766	81	+	+	+	+	+	+	+	+	+	+	+	+				DQA1*05:05, DQA1*06:01, DQA1*03:03, DQA1*03:02	51	+	+	+	+	+	+	+	+	+	+	+	+	+			DRB1*04:02, DRB5*01:01, DQA1*03:03, DQA1*01:01	LMX-SAB
3808	29	+	+	+	+	+	+	+	+	+	+					+	DR1403,DR1404	26	+	+	+	+	+	+	+	+	+	+					DR1403,DR1404	LMX-SAB	
3966	27	+	+	+	+	+	+	+	+	+	+	+	+		+		DQA1*02	22	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*02		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*04	LMX-SAB
5219	27	+	+	+	+	+	+	+	+	+	+				+	DR3,DR5,DR6,DR1403>	26	+	+	+	+	+	+	+	+	+	+	+					DR2,DR5,DR1403,DR1404	LMX-SAB	
6649	24	+	+	+	+	+	+	+	+	+	+	+						21	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+			+			+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+					+	DR1403,DR1404		+	+	+	+	+	+	+	+	+	+					DR1403,DR1404	LMX-SAB	
8100		+	+	+	+	+	+	+	+	+				+			DQ2		+	+	+	+	+	+	+	+	+	+						LMX-SAB	
8103		+	+	+	+	+	+	+	+	+		+			+	+	DR3,DQ3		+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR1	LMX-SAB	
8112		+	+	+	+	+	+	+	+	+				+					+	+	+	+	+	+	+									LMX-SAB	
8125		+	+	+	+	+	+	+	+	+				+					+	+	+	+	+	+		+	+					DR14	LMX-SAB		
8128		+	+	+	+	+	+	+	+	+	+	+							+	+	+	+	+	+	+	+	+	+						LMX-SAB	

Table 59. Individual laboratory results for Serum #1335 by Single Antigen - class II

		**** Serum 1335 ****																								
Ctr	% POS	DP14	DP17	DP28	DP9	DPw3	DPw6	DR1	DR10	DR103	DR11	DR15	DR16	DR51	DR8	DR9	DPw2	DR12	DP20	DP18	DPw4	DP10	DP402	Other	Method	
615		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*12:02	LMX-SAB
910		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*12:02, DPB1*04:02	LMX-SAB
2400		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
3224	35	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*04, DRB1*12:02	LMX-SAB
3753		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
3766	74	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DRB1*12:02, DPB1*04:02	LMX-SAB
3808	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR13	LMX-SAB
3966	39	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw1,DP13	LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPw1,DPA1*01,DPA1*02,DPA1*03 >	LMX-SAB
5219	30	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR2,DR5,DR13	LMX-SAB
6649	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8082		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*01,DPA1*04	LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR13	LMX-SAB
8100		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8103		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
8112		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DPA1*01,DPA1*02,DPA1*03,DPA1*04	LMX-SAB
8125		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	DR18	LMX-SAB
8128		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB

Table 60. Individual laboratory results for Serum #1336 by Single Antigen - class II

**** Serum 1336 ****															
Ctr	% POS	DQ7	DQ8	DQ9	DR4	DR53	DQA1*03	DQA1*04	DQA1*05	DQ4	DQA1*06	DQ2	DR9	Other	Method
615		+	+	+	+	+	+	+	+	+	+		+	DRB1*09:02	LMX-SAB
910		+	+	+	+	+	+	+	+					DQA1*03:01, DQA1*03:03, DQA1*04:01, DQA1*05:01	LMX-SAB
2400		+	+	+	+	+	+	+	+						LMX-SAB
3224	25	+	+	+	+	+	+	+	+	+	+	+	+		LMX-SAB
3753		+	+	+	+	+	+	+	+						LMX-SAB
3766	81	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*06:01, DQA1*05:03, DQA1*03:02, DQA1*05:05, DQA1*03:01, DQA1*03:01, DQA1*05:01, DQA1*03:03, DQA1*04:01	LMX-SAB
3808	25	+	+	+	+	+	+	+	+	+	+				LMX-SAB
3966	26	+	+	+	+	+	+	+	+	+	+	+	+	DQA1*02	LMX-SAB
4322		+	+	+	+	+	+	+	+	+	+	+	+	DQA1*02	LMX-SAB
5219	25	+	+	+	+	+	+	+	+	+	+			DR7,DQ3	LMX-SAB
6649	24	+	+	+	+	+	+	+	+						LMX-SAB
8082		+	+	+	+	+	+	+	+		+				LMX-SAB
8098		+	+	+	+	+	+	+	+	+	+		+	DR1,DR103,DR7,DR10 >	LMX-SAB
8100		+	+	+	+	+				+		+	+		LMX-SAB
8103		+	+	+	+	+	+	+	+		+			DQ3	LMX-SAB
8112		+	+	+	+		+	+	+	+	+	+			LMX-SAB
8125		+	+	+	+	+				+		+			LMX-SAB
8128		+	+	+	+	+				+		+			LMX-SAB