

# Serum Exchange #546

<b>Serum</b>	<b>1177-1180</b>
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The results for **Serum Exchange 546 (sera 1177 - 1180)**, are summarized in Tables 16-21 and individual laboratory results by method are listed

in Tables 22-32. Sera strongly positive to B8, A1, and A24 were examined in this study.

1177	method	#labs	B8	B7	B39	B41	B42	B45	B50	B55	B56	B59	B61	B35	B62	B71	B48	B18	B54	B67	B60	B72
	NIH-Std	4	100																			
	NIH-Ext	3	100																			
	AHG	3	100	67	33	33	33	33	33	33			33		33							
	Luminex	23	100	91	96	100	100	100	100	100	100	100	96	100	96	96	96	91	100	100	96	96
	Flow	1	no specificities assigned																			
	ELISA	2	100	100	100	100	100	100	100	100	50	100	100	100	100	100	100	100	100	50	100	100
	C1q	2	100	100								100			100							
	Other	2			50	50	50	50	50					50			50	50				

  

1177	method	#labs	B75	B78	B65	B64	B81	B8101	B27	B2708	B76	B82	B73	Cw7	Cw9	Cw1	Cw10	Cw8	B46	Bw6	A11	
	Luminex	23	96	91	87	78	87	22	65	35	96	87	61	65	52	48	39	22	43	26		
	ELISA	2	100	100	100	100	100		100												50	

**Sample 1177** was reported to be strongly positive to B8 by all methods. Anti -B39, -B45, -B50, and -B59 reactivity, along with reactivity to 7C and 8C specificities, was reported by various methods. In addition, Luminex reported reactivity to a number of C-locus specificities (Cw1, Cw7, Cw8, Cw9, and Cw10). Class II results for this sample were mixed. Flow, Luminex PRA, and nearly half (45%) of the Luminex labs reported this sample as negative for class II, while another 55% of the Luminex labs reported class II reactivity to DR12. Allele specific reactivity to DRB1\*12:02 was reported by 1 of the Luminex labs.

Class II						
1177	method	#labs	NEG	DR12	DQ6	DR53
	NIH-Ext	1	no specificities assigned			
	Luminex	11	55	45	18	18
	Flow	1	no specificities assigned			
	Other	2	100			

For **sample 1178**, reactivity to B8 was detected strongly by NIH-standard, NIH-extended, and C1q. By contrast, only 3 out of 23 Luminex labs reported anti-B8 reactivity. This suggests that the B8 specific antibodies present in this sample are likely IgM, as noted by several labs. Additional A-locus reactivity (A2, A23, A24, A68, and A69) was reported by various methods. Reactivity to Cw2, Cw4, and Cw12 was also reported by C1q. This sample was reported as negative for class II.

1178	method	#labs	B8	A68	A69	A2	A203	A23	A24	A2403	A28	Cw2	Cw4	Cw12	B37	B64
	NIH-Std	4	100													25
	NIH-Ext	3	67													
	AHG	3	33	33		33					33					
	Luminex	23	14	100	100	100	18	77	77	14						
	Flow	1	no specificities assigned													
	ELISA	2	50	50	50			50								
	C1q	2	100									50	50	50	100	
	Other	2		50	50	50										

Class II						
1178	method	#labs	NEG			
	NIH-Ext	1	no specificities assigned			
	Luminex	10	90			
	Flow	1	no specificities assigned			
	Other	2	100			

