

Correlation Between Serum and Salivary House Dust Mite Specific Immunoglobulins in Allergic Rhinitis (AR) Patients and Non-Allergic Rhinitis Matched Controls

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	Groups			
Antibodies	Allergic (N=103)		Control (N=102)	
	Mean rank	Mean \pm SD	Mean rank	Mean \pm SD
			(OD)	(OD)
Serum anti-Df IgE	140.12**	0.063 \pm 0.049	63.50**	0.037 \pm 0.057
Salivary anti-Df IgE	105.71	0.045 \pm 0.026	96.25	0.051 \pm 0.046
Serum anti-Df IgA	111.44*	0.970 \pm 0.400	92.47*	0.840 \pm 0.400
Salivary anti-Df IgA	123.22**	2.200 \pm 0.500	74.54**	1.780 \pm 0.390
Serum anti-Bt IgE	145.36	0.048 \pm 0.036	58.21**	0.019 \pm 0.012
Salivary anti-Bt IgE	109.50*	0.045 \pm 0.016	92.42*	0.041 \pm 0.016
Serum anti-Bt IgA	113.77**	0.520 \pm 0.350	90.11**	0.390 \pm 0.230
Saliva anti-Bt IgA	92.53	1.140 \pm 0.490	105.68	1.250 \pm 0.490

IgE & IgA	Correlation (r)	
	Patients	Controls
Anti-Df IgE vs Anti-Df IgA	0.247*	0.294**
Sal- Anti-Df IgE vs Sal- Anti-Df IgA	0.434**	0.207*
Anti-Bt IgE vs Anti-Bt IgA	0.331**	0.423**
Sal- Anti-Bt IgE vs Sal- Anti-Bt IgA	0.488**	0.375**

IgE and IgA levels of asthmatic allergic rhinitis patients

