



Periostin as an important biomarker of inflammatory phenotype T2 in Brazilian asthma patients

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Table S1. Comparison of biomarkers in the control group according to the presence or absence of comorbidities.

Variables	Presence of comorbidities		Absence of comorbidities		p-value ^a
	n	Median (IQR)	n	Median (IQR)	
Atopy					
FeNO (ppb)	26	14 (8-20)	40	11 (8-14)	0.052
Blood eosinophils (cells/μL)	26	130 (85-183)	40	90 (60-158)	0.255
Periostin (ng/mL)	26	52.1 (42-59)	40	43.75 (36-57)	0.170
LTE ₄ (pg/mg Cr)	26	1299.5 (1078-1682)	39	1215 (915-1696)	0.538
Obesity					
FeNO (ppb)	12	12.5 (8-18)	54	11.5 (9-15)	0.537
Blood eosinophils (cells/μL)	12	130 (90-183)	54	95 (58-153)	0.172
Total serum IgE (kU/L)	12	54 (30-71)	54	49 (27-95)	0.702
Periostin (ng/mL)	12	52.3 (38-56)	54	45.2 (37-59)	0.980
LTE ₄ (pg/mg Cr)	12	1513 (1050-1872)	53	1221 (931-1605)	0.187
Other ^b					
FeNO (ppb)	23	12 (8-16)	43	11 (8-14)	0.373
Blood eosinophils (cells/μL)	23	100 (50-150)	43	110 (70-180)	0.496
Total serum IgE (kU/L)	23	51 (29-77)	43	53 (27-110)	0.762
Periostin (ng/mL)	23	45.4 (34-60)	43	45.2 (40-58)	0.554
LTE ₄ (pg/mg Cr)	23	1300 (885-1806)	42	1222 (984-1651)	0.800

FeNO: Fraction of exhaled nitric oxide; IgE: Total serum immunoglobulin E; LTE₄: Urinary leukotriene E₄. ^a Mann-Whitney test; ^b Presence of at least one of the following comorbidities: sleep apnea, bronchiectasis, atopic dermatitis, chronic urticaria, nasal polyposis, chronic rhinosinusitis/rhinitis, or vocal cord dysfunction.

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