

eTable 1.

Correlations between Sampling Sites

	P1-P-N ₁ (2.8%) 6/214	P1-P-T (2.8%) 6/214	P1-P-S (2.9%) 6/205	C-P-N (9.8%) 21/214	C-P-T (6.5%) 14/214	C-P-S (6.8%) 14/205	C-AC-N (51.8%) 113/218	C-AC-T (17.1%) 37/217
P1-P-N	1.000	.143*	.142*	.420**	.070	.182**	.049	-.075
		1 (0.5%)	1 (0.5%)	5 (2.3%)	1 (0.5%)	2 (1.0%)	4 (1.9%)	0 (0.0%)
P1-P-T		1.000	-.030	.325**	.299**	.068	.105	-.075
			0 (0.0%)	4 (1.9%)	3 (1.4%)	1 (0.5%)	5 (2.3%)	0 (0.0%)
P1-P-S			1.000	.419**	.182**	.297**	.112	-.078
				5 (2.4%)	2 (1.0%)	3 (1.5%)	5 (2.4%)	0 (0.0%)
C-P-N				1.000	.294**	.419**	.095	.023
					6 (2.8%)	8 (3.9%)	14 (6.5%)	4 (1.9%)
C-P-T					1.000	.310**	.139*	.036
						5 (2.4%)	11 (5.1%)	3 (1.4%)
C-P-S						1.000	-.045	-.017
							6 (2.9%)	2 (1.0%)
C-AC-N							1.000	.267**
								30 (13.8%)

₁ Heading numbers indicate percent positive in parentheses and number positive/number tested on the second line below. Within the table, numbers in bold list the correlation coefficients, and second line below indicates the number positive (% positive) for both tests. Headers indicate: target for assay- type of assay – site.

Abbreviations: antigen capture (AC), CARDS Tx (C), nasopharyngeal (N), P1 adhesin (P1), polymerase chain reaction (P), serum (S), throat (T)

* $P < .05$ level (2-tailed), ** $P < 0.01$ level (2-tailed).

eFigure 1. Exhaled Breath Condensate pH by Mp status

EBC pH by group and Mp status (neg=negative, pos=positive). Solid bars: interquartile range (IQR) 25th- 75th percentile; central line: medians; whiskers: highest (lowest) value within 1.5 IQR from end of boxes; circles and asterisks: outliers. † Mp pos vs Mp neg (refractory group), $P=.007$

eFigure 2. Quality of Life in Refractory Asthma

PAQLQ scores in refractory asthma group according to Mp status (neg=negative, pos=positive). Horizontal lines indicate means for each group. *Mp pos vs Mp neg, $P=.03$