



Free and fast saliva collection kit to rule out genetic COPD

Alpha₁ -antitrypsin (AAT) deficiency is a common, but under recognized genetic contributor to COPD¹

- AAT deficiency is estimated to be present in 1-5% of diagnosed COPD patients²

This convenient kit is designed to collect and mail a saliva sample to the BioCerna LLC laboratory for confirmatory testing of AAT deficiency, once a low level of AAT serum has been detected. Confirmatory testing is recommended when AAT serum level is below 1.13g/L².



To order free test kits, call 1-877-3-ALPHA1 (1-877-325-7421) or talk to your GRIFOLS Canada representative.

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BioCerna LLC's testing platform will detect the following common genetic variants and associated alleles related to alpha-1[†]

Associated Alleles at 14 Genetic Variants	Expected Prevalence ³
PI*M [†]	Most common normal allele
PI*S	Most common deficient alleles
PI*Z	
PI*F	
PI*I	
PI*Plowell, PI*Pduarte, PI*QOcardiff, PI*Ybarcelona	Less frequent deficient alleles
PI*Mprocida	
PI*Mmalton, PI*Mpalermo, PI*Mnichinan	
PI*Siiyama	
PI*Mheerlen	Null alleles
PI*Q0granite Falls	
PI*Q0west	
PI*Q0bellingham	
PI*Q0mattawa, PI*Q0ourém	
PI*Q0clayton, PI*Q0saarbruecken	

[†] M allele means that none of the 14 allelic variants interrogated by the A1AT Genotyping test are detected in the SERPINA1 gene, but other variants could be present.

[‡] For questions, please contact Grifols Medical Information at GrifolsCanadaMedInfo@grifols.com. For lab results inquiries, please call BioCerna LLC at 1-855-362-5221.

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REFERENCES:

1. Stoller and Aboussouan, 2012, Am J Respir Crit Care Med; 185(3):246-259. 2. Marciniuk DD, Hernandez P, Balter M, et al. Canadian Thoracic Society COPD Clinical Assembly Alpha-1 Antitrypsin Deficiency Expert Working Group. Alpha-1 antitrypsin deficiency targeted testing and augmentation therapy: A Canadian Thoracic Society clinical practice guideline. Can Respir J. 2012;19(2):109-16. 3. Data on file, Grifols.