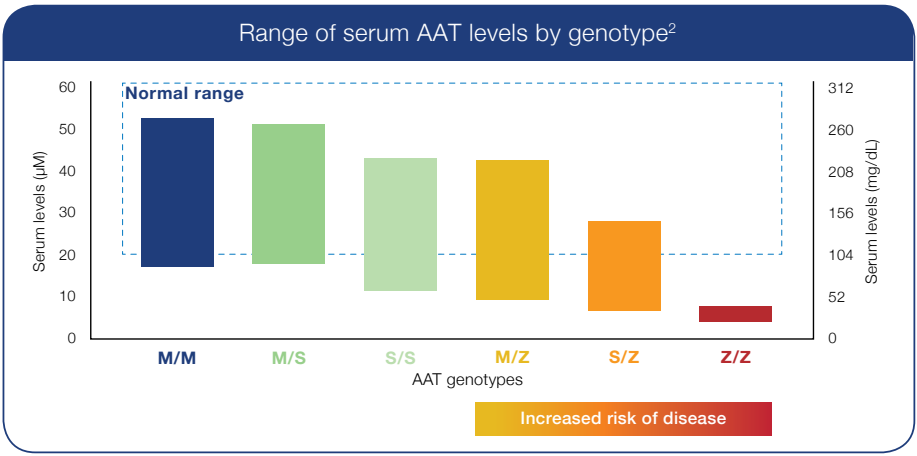
AlphaID™

Reliable & Accurate Screening Results for Alpha-1

Only screening all your COPD patients will detect those at increased risk of lung disease

- Major clinical guidelines, including from the American Thoracic Society, recommend screening all patients with COPD[1]

The most common genotypes present with various levels of risk



- Genotypes associated with severe AAT deficiency may be appropriate for augmentation therapy
- Patients with one abnormal allele are at increased risk for lung disease and present opportunity to promote smoking prevention and cessation, and other lifestyle modifications

To continue screening for alpha-1, visit RequestAlphaID.com

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AlphaID provides reliable and accurate screening results for alpha-1

Understand more about common genetic variants and associated alleles related to alpha-1

Associated Alleles at 14 Genetic Variants	Expected Prevalence[2]
M	Most common normal allele
S	Most common deficient alleles
Z	
F	
I	
P Lowell Y Barcelona	Less frequent deficient alleles
M Procida	
M Malton	
S Iiyama	
M Heerlen	
QO Granite Falls	Null alleles
QO West	
QO Bellingham	
QO Mattawa QO Ourem	
QO Clayton	

A leading alpha-1 clinical expert is available for a personal consultation to discuss alpha-1 genotyping.

Call **1-855-362-5221** or email **alphaID@biocerna.com**

AlphaID is provided with compliments of Grifols. Analysis is conducted by a certified, independent laboratory free of charge and may not be billed to your patients or their insurers. Results are strictly confidential and only shared with the ordering clinician.

References: 1. American Thoracic Society/European Respiratory Society statement: standards for the diagnosis and management of individuals with alpha-1 antitrypsin deficiency. *Am J Respir Crit Care Med.* 2003;168(7):818-900. **2.** Data on File. Alpha-1 Genetics Laboratory. 2017.

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