

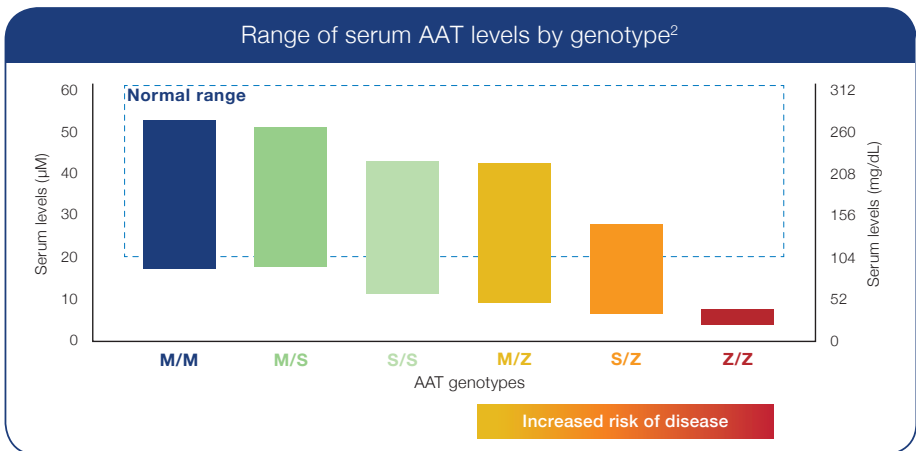


Reliable & Accurate Screening Results for Alpha-1

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

- The American Thoracic Society recommends screening all patients with COPD¹

The most common genotypes present with various levels of risk



- Genotypes associated with severe AAT deficiency may be appropriate for augmentation therapy¹
- Patients with one abnormal allele are at increased risk for lung disease and present opportunity to promote smoking prevention and cessation, and other lifestyle modifications¹

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

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

Associated Alleles at 14 Genetic Variants	Expected Prevalence ³
M*	Most common normal allele
S	Most common deficient alleles
Z	
F	
I	
P Lowell, P Duarte, Q0 Cardiff, Y Barcelona	Less frequent deficient alleles
M Procida	
M Malton, M Palermo, M Nichinan	
S Iiyama	
M Heerlen	
Q0 Granite Falls	Null alleles
Q0 West	
Q0 Bellingham	
Q0 Mattawa, Q0 Ourem	
Q0 Clayton, Q0 Saarbruecken	

*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.

Notes: The various background M alleles (M1,M2,M3,M4) are not detected by PCR but explain the different nomenclatures used for a same mutation.

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@matrixmedicalnetwork.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, Executive Summary, Grifols. 3. A1AT Genotyping Test Package Insert. Progenika Biopharma.