When tested with active-site titrated porcine pancreatic trypsin using Na-Benzoyl-L-Arginine-para-Nitroanilide Hydrochloride (L-BAPNA) as substrate, it is 75-100% inhibitory.
Product Datasheet

Athens Research & Technology products are laboratory reagents and are not to be administered to humans or used for any drug purpose.

For research use or for use in further manufacturing.

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Product:   Alpha 1 Antitrypsin, Human Plasma
Catalog Number:  16-16-011609

Description:   Lyophilized

Buffer:    30 mM Na Phosphate, pH 6.5 with 300 mM NaCl

Purity:    >=95% by SDS-PAGE

Activity:   When tested with active-site titrated porcine pancreatic trypsin using Na-Benzoyl-L-Arginine-para-Nitroanilide Hydrochloride (L-BAPNA) as substrate, it is 75-100% inhibitory.

Molecular Weight:  52,000

Protein Determination: Extinction Coefficient (E)  0.1% at 280nm   = 0.433

Storage:   <=  -20o  C

Stability:   >1 year

Available Packaging:   1 mg per vial
Larger aliquots may be available upon request

Source:   Human Plasma

Testing:   Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.