

DATA SHEET

Product Name: Alpha 1 Antitrypsin, Human Plasma

Catalog #: A-2003

Molecular Mass: 52,000 Da

Protein Purity: >95% by SDS-PAGE

Handling: Store in Tightly Sealed Vial

Appearance: Lyophilized from 30 mM Na phosphate, pH 6.5, with 300 mM NaCl

Storage: -20°C / Freezer

Description: Like alpha 1-antichymotrypsin alpha 1-antichymotrypsin might be functionally involved in the pathogenesis of the lesions of Alzheimer's disease. Both serine protease inhibitors are found in neurofibrillary tangles and senile plaques. The major cell producing alpha 1- antitrypsin localization in seems to be the astrocytes, which are involved in both lesions¹.

References: 1. Gollin, P.A., et al., (1992) Neuroreport, 3(2) : 201-3

Notes: Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

For research use only. Not for use in humans.