

DATA SHEET

Product Name: Alpha 1 Antitrypsin, human plasma
Catalog #: A-2003
Molecular Mass: 52,000 kDa
Appearance: Lyophilized from 30 mM Na phosphate, pH 6.5, with 300 mM NaCl
Storage: Freezer
Purity: $\geq 95\%$ by SDS-PAGE
Handling: Store in Tightly Sealed Vial.

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 PA., et al., (1992) Neuroreport. Feb;**3**(2):201-3.

Note: 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.