

DATA SHEET

Product Name: Alpha 1 Antichymotrypsin, Human Plasma

Catalog #: A-2002

Molecular Mass: 64,000 Da

Protein Purity: >95% by SDS-PAGE

Handling: Store in Tightly Sealed Vial

Appearance: Lyophilized from 20 mM Tris-HCl, pH 7.4, with 150 mM NaCl

Storage: -20°C / Freezer

Description:

AD patients seem to express increased alpha 1-Antichymotrypsin (AACT) index, suggesting an intrathecal production of AACT. Indeed, AACT is a major component of the amyloid plaques found in the brains of AD patients. In Parkinson's disease (PD), AACT gene has been suggested as a susceptibility factor that might be related to the onset of PD^{1,2}.

References:

1. Pirttila, T., et al., (1994) *Neurobiology of Aging*, 15(3): 313-7
2. Haines, J.L., et al., (1996) *Genomics*, 33(1): 53-56(4)

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.