

DATA SHEET

Product Name:	Alpha 1 Antichymotrypsin, human plasma
Catalog #:	A-2002
Molecular Mass:	64,000 kDa
Appearance:	Lyophilized from 20 mM Tris-HCl, pH 7.4, with 150 mM NaCl
Storage:	Freezer
Purity:	>=95% by SDS-PAGE
Handling:	Store in Tightly Sealed Vial.

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. May-Jun; **15**(3):313-7.
2. Haines J.L., et al., Genomics, 1996 April; **33**(1):53-56(4).

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.