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## **DATA SHEET**

**Product Name:** Alpha 1 Antichymotrypsin, human plasma  
**Catalog #:** A-2002-1  
**Molecular Mass:** 64,000kDa  
**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<sup>1,2</sup>.

### **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.**

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