

**Product:**            **a-1 Antichymotrypsin, Human Plasma**  
                          **(Alpha -1-Achy; alpha-1-X; alpha-1-glycoprotein)**

**Catalog #:**         **12-7602**

**Amount:**           **50 mg**

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**DESCRIPTION:**                            An acute-phase plasma protein found at 45 mg per 100 ml plasma that functions as a specific inhibitor of chymotrypsin-like serine proteinases. Clinically, it is elevated in inflammatory conditions, some malignancies, Crohn's disease, ulcerative colitis, and burn injuries.

**SOURCE:**                                 Human plasma

**MOLECULAR WEIGHT:**                 60,000

**BUFFER:**                                 50 mM Tris-HCl, pH 7.4, with 150 mM NaCl.

**PURITY:**                                 > 95% by SDS-PAGE

**STORAGE:**                                Frozen (-20°C)

**QUALITY CONTROL:**                    Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

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