



Highly Purified Human α -1-Antichymotrypsin (ACT)

PRODUCT CODE : AJ 3081-b

SOURCE : Pooled normal human serum that has been tested negative on a single donor basis for HBsAg, anti-HIV-1/2 and anti-hepatitis C.

PRESENTATION : Supplied freeze-dried from 0.02M ammonium bicarbonate. The product may contain traces of buffer salts.

PURITY : Nominally greater than 99% of total protein is α -1-ACT.

ANALYSIS : SDS-PAGE shows a doublet corresponding to the two forms of α -1-ACT with a molecular weight of approximately 68kD.

Immunological identity is confirmed by Radial Immunodiffusion (RID)

Protein determination by the method of Lowry and by UV absorption using

$$E_{1\text{cm},0.1\%}^{280\text{nm}} = 0.74$$

IEP vs anti-normal human serum shows single arc corresponding to α -1-ACT

RECONSTITUTION : Use of a phosphate buffer, pH >7.0, containing 0.15M NaCl is recommended.

STORAGE : +2°C to +8°C

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