



Part Purified Human α -1-Antichymotrypsin (ACT)

PRODUCT CODE : AJ 3098

SOURCE : Prepared from pooled normal human serum that was initially tested negative on a single donor basis for HBsAg, anti-HIV-1/2 and anti-hepatitis C.

PRESENTATION : Supplied freeze-dried from 0.02M Tris Buffer pH 7.5 containing 0.15M NaCl. It is recommended to reconstitute with deionised water

PURITY : Nominally 90% of total protein is α -1-antichymotrypsin

ANALYSIS : SDS-PAGE shows one diffuse band corresponding to α -1-antichymotrypsin molecular weight of approximately 68kD.

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

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

Human α -1-antichymotrypsin identity and content is determined by radial immunodiffusion (RID) using internal standard

SDS-PAGE of material after incubation with PSA shows a band corresponding to molecular weight of PSA-ACT complex.

STORAGE : +2 to +8°C

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