



LABORATORIES

Manufacturers of the Highest Quality

PRODUCT SPECIFICATION

α -1-Antichymotrypsin (ACT), Human

Catalog Number: A1824 **Part Number:** 90006

Source: Human Plasma

Form

Clear liquid - Buffer: 20mM Tris, 150mM Sodium Chloride, pH 7.4 \pm 0.1

Purity Specification

\geq 95% by SDS-PAGE

Protein / Content Specification

\geq 0.5 mg/ml by A280 (Emg/ml = 0.60)

Activity Specification

Report activity

Characteristics Specification

One inhibitory unit of ACT is the amount that will form a complex with one unit of chymotrypsin in 5 minutes at 25°C, pH 8.0.

One unit of chymotrypsin is defined as the amount of enzyme that will hydrolyze 1 μ mole of N-Suc-Ala-Ala-Pro-Phe-PNa per minute at 25°C, pH 8.0

Storage / Shipping

Product is shipped using a refrigerated gel pack or dry ice (*not temperature monitored*). On arrival, store frozen below -15°C. Avoid repeated freeze-thaw cycles by packaging into smaller sizes and freezing.

Precaution / Hazard Statement

Tested and found negative for HIV 1 & 2, Hepatitis B, and Hepatitis C. Although source materials have been tested for certain diseases, no test can absolutely assure the absence of all infectious agents. Therefore, this product should be handled as a potential biohazard.

Intended Use: For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

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