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Streptokinase

Catalog #:ENPS-322

For research use only.

Description: Streptokinase Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 414 amino acids and having a molecular weight of 47kDa.The Streptokinase is purified by proprietary chromatographic techniques.

Synonyms: Streptokinase, SK.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Purity: Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:
Lyophilized from a 0.2

Stability:
Lyophilized Streptokinase althoμgh stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Streptokinase should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:
It is recommended to reconstitute the lyophilized Streptokinase in sterile 18M-cm H2O not less than 100

Introduction:
Streptokinase is an extracellular metallo-enzymeproduced by beta-haemolytic streptococcusand is used as an effective and cheap clot-dissolving medicationin some cases of myocardial infarction(heart attack) and pulmonary embolism.It belongs to a group of medications known as fibrinolytics, and works by activating plasminogenthroμgh cleavage to produce plasmin.

Biological Activity:
The specific biological activity measured by the ability of fibrin lysis in agarose plate was found to be 80000U/mg.

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