

STREPTOLYSIN-O Active Protein

RECOMBINANT STREPTOLYSIN-O

CATALOG # AAA50417	HOST E.coli	APPLICATIONS ELISA
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PRODUCT SYNONYMS

STREPTOLYSIN-O; RECOMBINANT STREPTOLYSIN-O; Streptolysin-O; STREPTOLYSIN-O active protein

PRODUCT SPECIFICATIONS

Host	E.coli
Form/Format	Recombinant purified Streptolysin O- liquid
Concentration	Approx. Protein Concentrations : Current, batch- specific concentration 3 mg/mL. (varies by lot)
Applicable Applications for STREPTOLYSIN-O active protein	ELISA
Buffer solution	TRIS buffered saline
Preservative Stabilizers	None Present
Activity	Total antigenic activity approx (internal indirect method): 7200 IU/mL Specific antigenic activity approx.: 2361 IU/mg of protein.
Preparation	Recombinant Streptolysin O from transformed Escherichia coli. The preparation was purified by metal affinity chromatography.
Target Species	Bacterial
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -70 degree C or -20 degree C for short term storage. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

ADDITIONAL INFORMATION

Related Product Information for STREPTOLYSIN-O active protein	Streptolysin O is a sulfhydryl-activated toxin produced by groups A, C and G of streptococci. It is an oxygen-labile hemolytic enzyme capable of causing lysis in animal cells, particularly white and red blood cells. It does so by binding to membrane cholesterol, where it polymerises to form a transmembrane channel.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.