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Datasheet for ABIN1045131

Streptolysin O Protein (SLO) (full length)

Overview

Quantity:	1 mg
Target:	Streptolysin O (SLO)
Protein Characteristics:	full length
Origin:	Streptococcus pyogenes
Source:	Bacteria
Protein Type:	Native
Application:	ELISA, Western Blotting (WB)

Product Details

Purification:	Purified from Streptococcus hemolyticus
Purity:	> 95 % (SDS-PAGE)

Target Details

Target:	Streptolysin O (SLO)
Alternative Name:	Streptolysin O (SLO Products)
Background:	Sulfhydryl-activated toxin that causes cytolysis by forming pores in cholesterol containing host membranes. After binding to target membranes, the protein undergoes a major conformation change, leading to its insertion in the host membrane and formation of an oligomeric pore complex. Cholesterol may be required for binding to host membranes, membrane insertion and pore formation. Can be reversibly inactivated by oxidation.

Application Details

Comment: Full length native Streptolysin O

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Repeated freezing and thawing is not recommended.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 ° C or -80 ° C.
