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Datasheet for ABIN114123
anti-Streptokinase C antibody

Overview

Quantity:	1 mL
Target:	Streptokinase C
Reactivity:	Streptococcus pyogenes
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Streptokinase C antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Streptokinase bacterial protein prepared from Lancefield strain of Streptococcus-beta hemolyticus.
Purification:	Affinity Chromatography on Protein G.

Target Details

Target:	Streptokinase C
Abstract:	Streptokinase C Products
Background:	Streptokinase is a metallo-enzyme produced by various strains of Streptococcus that can liquify blood clots by converting plasminogen to plasmin. It is 415 amino acids in length with a MW of approximately 47 kDa. Streptokinase is not a protease but it activates plasminogen by complexing with it. It is thought to prevent the formation of effective fibrin barriers around the site of infection, thereby contributing to the invasiveness of the cells. Synonyms: skc

Target Details

Gene ID: 119602

UniProt: [P00779](#)

Application Details

Application Notes: ELISA (1/20-1/200): In a simple ELISA with 0.5 g Streptokinase coated per well, the 50 % OD was observed at an antibody dilution of 1/2500. Under the same conditions the endpoint was observed at 1/50K. Assay developed using Goat x Rabbit IgG-HRP conjugate and ABTS. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 5.0 mg/mL

Buffer: PBS, pH 7.2 containing 0.09 % Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.