



Streptococcus Group A

Catalog number

S7974-02C

Supplier

United States Biological

GAS are non-motile, non-spore forming bacteria that exist in pairs or as short chains. They are responsible for most cases of streptococcal illnesses including sore throat (strep throat), scarlet fever and necrotizing fasciitis. The individual organisms are spheric in shape with a diameter of 0.6-1 mm. They produce 2 major classes of protein antigens: M antigens and T antigens of which the M protein is the major virulence factor.

Applications

Suitable for use in ELISA. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Streptococcus Group A.

Formulation

Supplied as a liquid in PBS buffer, pH 7.2, 0.09% sodium azide.

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes Streptococcus group A bacteria.

Product Type

Pab

Isotype

IgG

Grade

Affinity Purified

Applications



E

Storage

-20°C