

Lyophilized Goat Serum

Product Information

Catalog

SM-082G

ProductName

Lyophilized Goat Serum

Short Name

Serum(Goat)

similar

Serum

Source

Serum

Species

Goat

Product Overview

Goat Serum (Lyophilized)

Description

Goat Serum is used as a supplement to cell culture media. Goat Serum provides a broad spectrum of macromolecules, carrier proteins for lipid substances and trace elements, attachment and spreading factors, low molecular weight nutrients, and hormones and growth factors that promote cell growth and health. Normal Goat Serum can be used as a blocking agent to treat plastic surfaces, membrane or tissue after they have been sensitized with primary antibody or antigen. It provides an alternative to bovine serum albumin (BSA) and non-fat dry milk. It is effective in reducing nonspecific binding of proteins to reaction surfaces, thereby maximizing signal-to-noise ratio. This blocking agent is recommended for use in immunoassays where the primary antibody was produced in goat, as a source of non-specific serum protein or on tissue for immunohistochemical applications.

Lyophilized Goat Serum

Form

0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Purity

This product was prepared from normal serum by delipidation and defibrination. Assay by immunoelectrophoresis resulted in multiple precipitin arcs against anti-Goat Serum.

Applications

Applications Notes: Suitable for use as a control or diluent in western blot, ELISA, immunohistochemistry assays and most other immunological methods.

Storage

Store vial at 4 centigrade prior to restoration. For extended storage aliquot contents and freeze at -20 centigrade or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 centigrade as an undiluted liquid. Dilute only prior to immediate use.

Concentration

95 mg/mL by Refractometry

Shipping

Ambient

Reconstitution

Restore with deionized water (or equivalent)

Synonyms

Goat serum for bioassay; control Goat serum; non sterile serum from Goat; Goat serum

Physical State

Lyophilized

Sterility

Non-sterile



CREATIVE BIOMART®

Diagnostic Proteins

Lyophilized Goat Serum

Preservative

0.01% (w/v) Sodium Azide

Stabilizer

None

Expiration

Expiration date is one (1) year from date of receipt.
