Catalog No.	<u>Size</u>
50-90-08	1 vial

# DESCRIPTION

Heat-killed *Streptococcus agalactiae* cells in dextran solution. Lot specific cell counts can be obtained by requesting a Certificate of Analysis or by calling Technical Services with the specific lot number.

# FORM/STORAGE

Lyophilized. Store at 2-8 °C until rehydrated. Stable for a minimum of 1 year when stored at 2-8 °C.

# STABILIZER AND PRESERVATIVE

Dextran is added as a stabilizer. Non-sterile.

### **REHYDRATION AND STORAGE**

Two methods for rehydration and storage are recommended to meet most needs. Procedure A, using 50% glycerol, eliminates freezing at -20 °C and is an effective biological inhibitor when the product is stored at 2 - 8 °C. At a working dilution, the level of glycerol is too small to affect most assays.

#### Procedure A: 50% Glycerol

<u>Rehydration</u>: Rehydrate with 1 mL of 50% glycerol. <u>Storage</u>: This product may be stored refrigerated or frozen. Product is stable for a minimum of 1 year.

### **Procedure B: Reagent Quality Water**

<u>Rehydration</u>: Rehydrate with 1 mL of reagent quality water.

<u>Storage</u>: This product may be stored refrigerated or frozen. Product is stable for a minimum of 1 year.

### SUGGESTED WORKING CONCENTRATION

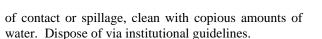
<u>Use</u>: Prior to use, dilute to desired concentration with PBS or 1% BSA Diluent/Blocking Solution. The working dilution should be used immediately.

Optimal working concentrations should be determined experimentally. Suggested starting concentrations are as follows:

Antibody Sandwich ELISA	1/100
Direct ELISA	1/100
Direct Fluorescent Assay on Slides	1/200

### **PRODUCT SAFETY AND HANDLING**

This product is considered non-hazardous as defined by The Hazard Communication Standard (29 CFR 1910.1200). Avoid contact with skin and eyes. In case



# APPLICATION

This product is ideally suited for use as a positive control in immunoassays designed for the detection of *Streptococcus agalactiae Group B streptococci*. It provides verification of the functionality of the assay system.

# **RELATED PRODUCTS**

Goat anti-Streptococcus agalactiae	Cat. No. 01-90-08
BSA Diluent/Blocking Solution	Cat. No. 50-61-00
Coating Solution Concentrate	Cat. No. 50-84-00
Fluorescent Mounting Medium	Cat. No. 71-00-06
20X Wash Solution	Cat. No. 50-63-00

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