Langford Locks
Kidlington
Oxfordshire
OX5 1LH
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Certificate of Analysis

Name: Escherichia coli O91 Cells, Heat-Inactivated

Product Code: 5370-0021

Batch #:

Date of Manufacture:

Product Description: Heat-killed Escherichia coli serotype O91 cells in dextran solution (BacTrace).

Inactivation: Heat-killed. Verification of heat kill is performed by Incubating streaked TSA plates for 24 hours at 37°C: No Growth = Pass

Health and Safety: This product is considered non-hazardous as defined by The Hazard Communication Standard (29 CFR 1910.1200).

Amount: 1.0 ml

Presentation: Lyophilised

Buffer: Dextran is added as a stabilizer. Non-sterile.

Rehydration: 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 +4°C. At a working dilution, the level of glycerol is too small to affect most assays.

Procedure A: 50% Glycerol Rehydration: Rehydrate with 1 mL of 50% glycerol. Storage: This product may be stored refrigerated or frozen. Product is stable for a minimum of 1 year.

Procedure B: Reagent Quality Water Rehydration: Rehydrate with 1 mL of reagent quality water. Storage: This product may be stored refrigerated or frozen. Product is stable for a minimum of 1 year.

Applications: Designed for use as a positive control in immunoassays designed for the detection of E. coli. It provides verification of the functionality of the assay system.

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Application Notes: 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

Usage Guidelines

Storage: Store at +4°C until rehydrated. Stable for a minimum of 1 year when stored at +4°C

X _____

QC

X _____

QA

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.