

Certificate of Analysis

Name: Yersinia Enterocolitica Cells, Heat-Inactivated

Product Code: 5370-0006

Batch #:

Date of Manufacture:

Product Description: Heat-killed Yersinia enterocolitica cells in dextran solution.

Amount: 1.0 ml

Presentation: Lyophilised

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

Reconstitution: 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

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: This product is ideally suited for use as a positive control in immunoassays designed for the detection of Yersinia species. It provides verification of the functionality of the assay system.

Application Notes: Prior to use, dilute with KPL 10X Coating Solution or 1% KPL BSA Diluent/Blocking Solution. Use 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.**Stability:** 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.