



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** C01805M **Lot #:** 2B03416

**Description:** MAb to *E. coli* Enterotoxin STp  
Monoclonal Antibody to *E. coli* Heat-Stable Enterotoxin (STp)

**Specificity:** Specific to *E. coli* Heat-Stable Enterotoxin (STp).

**Clone:** B1925M

**Host Animal:** Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>1</sub>

**Immunogen:** STp peptide (18 a.a. length).

**Source:** Ascites

**Format:** Purified, Liquid

**Purification:** > 95% pure (SDS-PAGE). Protein A Chromatography

**Concentration:** 4.2 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.38)

**Buffer:** Phosphate Buffered Saline: 1.5 mM Monopotassium Phosphate (KH<sub>2</sub>PO<sub>4</sub>), 8.0 mM Disodium Phosphate (Na<sub>2</sub>HPO<sub>4</sub>), 3 mM Potassium Chloride (KCl), 140 mM Sodium Chloride (NaCl), pH 7.4.

**Preservative:** 0.05% Sodium Azide

**Applications:** Suitable for use in sandwich ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended antibody pair for sandwich immunoassay (Has demonstrated a minimum detection limit of 0.5 ng/mL.):

<u>Capture</u>	<u>Detection</u>
C01806M	C01805M
C01807M	C01805M

**Storage:** Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

*Corry Thomas*

Signature

27 March 2017

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**