

CERTIFICATE OF ANALYSIS

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

Catalog #: C01806M **Lot #:** 4B04021

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).

Host Animal: Mouse **Isotype:** IgG₁

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

Source: Ascites

Format: Purified, Liquid

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

Concentration: 4.9 mg/mL (A280nm, E^{0.1%} = 1.38)

Buffer: Phosphate Buffered Saline: 1.5 mM Monopotassium Phosphate (KH₂PO₄), 8.0 mM Disodium Phosphate (Na₂HPO₄), 3.0 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

Storage: Store at 2-8°C.

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

Quality Signature: 

10 FEB 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY