

CERTIFICATE OF ANALYSIS

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

Catalog #: C01804M **Lot #:** 2B04021

Description: MAb to *E. coli* Enterotoxin LT
Monoclonal Antibody to *E. coli* Heat-Labile Enterotoxin (LT)

Specificity: Specific to *E. coli* Heat-Labile Enterotoxin (LT). Cross-reactive to Cholera toxin (CT).

Host Animal: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG₁

Immunogen: Heat-Labile Enterotoxin

Source: Ascites

Format: Purified, Liquid

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

Concentration: 2.4 mg/mL (OD280nm, E^{0.1%} = 1.38)

Buffer: Phosphate Buffered Saline 1.5 mM Monopotassium Phosphate (KH₂PO₄), 8.0 mM Disodium Phosphate (Na₂HPO₄), 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 0.06 ng/mL and cross-reacts with Cholera Toxin when these two MAbs are used together.):

| <u>Capture</u> | <u>Detection</u> |
|----------------|------------------|
| C01804M | C01801M |

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.

Quality Signature:



10 FEB 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY