



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** C01796M **Lot #:** 53L33615

**Description:** MAb to SED  
Monoclonal Antibody to *Staphylococcus aureus* Enterotoxin D (SED)

**Specificity:** Specific to *Staphylococcus aureus* enterotoxin D. No cross reaction to other types of *Staphylococcus aureus* enterotoxin A, B, C, and E.

**Clone:** B1916M

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

**Immunogen:** *Staphylococcus aureus* Enterotoxin D

**Source:** Ascites

**Format:** Purified, Liquid

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

**Concentration:** 2.7 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.38)

**Buffer:** PBS: 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:  

<u>Capture</u>	<u>Detection</u>
C01796M	C01794M

**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.

**Warning:** This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Signature

03 Dec 2015

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**