



# Meridian

## Life Science, Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** C86109M **Lot #:** 6K31317

**Description:** MAb to Salmonella (ABD Groups)  
Monoclonal Antibody to Salmonella Species (A, B and D Groups)

**Specificity:** Cross-reacts with *Salmonella paratyphi*, *Salmonella typhimurium*, *Salmonella enteritidis*, *Salmonella anatum*, and *Salmonella selandia*. Does not cross react with *Salmonella choleraesuis*, *Salmonella newport*, *E. coli* 055:B5, *E. coli* K12, and *Klebsiella pneumoniae*. Antigen Determinant: 0-12

**Host Animal:** Mouse. Hybridization of myeloma Sp2/0 cells with spleen cells of BALB/c mice. **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Heat inactivated bacterial cells of *Salmonella paratyphi* (Group A), *Salmonella typhimurium* (Group B) and *Salmonella enteritidis* (Group D).

**Format:** Purified, Liquid

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

**Concentration:** 2.6 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Affinity Constant:**

LPS Group A	2.1 x 10 <sup>9</sup>
LPS Group B	1.1 x 10 <sup>9</sup>
LPS Group D	6.5 x 10 <sup>8</sup>
LPS Group E	1 x 10 <sup>6</sup>

**Buffer:** Phosphate Buffered Saline, pH 7.4

**Preservative:** 0.09% Sodium Azide

**Applications:** Suitable for use in ELISA, Dot Blot and Immunofluorescence. 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.

**Storage:** Store at 2–8°C.

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

*Brenda Dun*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**