

CERTIFICATE OF ANALYSIS

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

Catalog #: C65635M **Lot #:** 31I26615

Description: MAb to Salmonella (ABCDE Grps)
Monoclonal Antibody to Salmonella Species (A, B, C, D & E Groups)

Specificity: Cross-reacts with *Salmonella paratyphi*, *Salmonella typhimurium*, *Salmonella choleraesuis*, *Salmonella newport*, *Salmonella enteritidis*, *Salmonella anatum* and *Salmonella selandia*. Does not cross-react with *E. coli* O55:B5, *E. coli* K12 and *Klebsiella pneumoniae*.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Heat inactivated bacterial cells of *Salmonella paratyphi*.

Format: Purified, Liquid

Purification: > 90% pure. Protein G Chromatography

Concentration: 3.3 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Affinity Constant:

LPS Group A	1 x 10 ⁹
LPS Group B	1 x 10 ⁷
LPS Group D	1 x 10 ⁷
LPS Group E	1 x 10 ¹⁰

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA, IFA and Dot Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been determined 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.

Beverly L. Orr

20 February 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY