Meridian Life Science, Inc.
a Meridian Bioscience Company, Inc.
5171 Wilfong Road
Memphis, TN 38134
USA
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

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

Catalog #: B65701R **Lot #:** 4F18022

Description: Rabbit anti *Salmonella* sp.
Rabbit Antibody to *Salmonella* Species

Specificity: Polyvalent for *Salmonella* "O" & "H" antigens. Immunocaptures *Salmonellae*. Antiserum is not absorbed and does react with related *Enterobacteriaceae*.

Host Animal: Rabbit

Immunogen: Mixture of *S. enteriditis*, *S. typhimurium*, and *S. heidelburg*.

Format: Purified, Liquid

Purification: > 95% pure. Protein A Chromatography

Concentration: 4–5 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
Product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA and IFA. Also suitable for conjugation purposes. 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: Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

References: The references listed below are for research purposes only:

1. Desai, P.T., et al., (2008), "Solid-Phase Capture of Pathogenic Bacteria by Using Gangliosides and Detection with Real-Time PCR", Applied and Environmental Microbiology, **74**(7): 2254-2258.
2. Taitt, CR., et al., (2004), "Detection of Salmonella enterica Serovar Typhimurium by Using a Rapid, Array-Based Immunosensor", Applied and Environmental Microbiology, **70**(1): 152–158.
3. Barnich, N., et al., (2005), "GRIM-19 Interacts with Nucleotide Oligomerization Domain 2 and Serves as Downstream Effector of Anti-bacterial Function in Intestinal Epithelial Cells", Journal of Biological Chemistry, **280**(19): 19021–19026.
4. Sapsford, KE., et al., (2004), "Detection of campylobacter and shigella species in food samples using an array biosensor", Analytical Chemistry, **76**(2): 433–440.

Quality Signature: 29 Jun 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY