bs-4714R

[Primary Antibody]

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Salmonella Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Target: Salmonella

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The genus Salmonella is a member of the family

Enterobacteriaceae. The genus is composed of Gram negative bacilli that are facultative and flagellated (motile). Salmonellae possess 3 major surface antigens; the H or flagellar antigen (phase 1 and 2), the O or somatic antigen (part of the LPS moiety) and the

Vi or capsular antigen (referred to as K in other

Enterobacteriaceae). Salmonellae also possess the LPS endotoxin characteristic of Gram negative bacteria. This LPS is composed of an O polysaccharide (O antigen) an R core and the endotoxic inner Lipid A. Endotoxins evoke fever and can activate complement,

kinin and clotting factors.

Applications: ELISA (1:5000-10000)

400-901-9800

Reactivity: (predicted: Mouse, Salnella)

Subcellular Cell membrane

— SELECTED CITATIONS –

- [IF=6.042] Kim SU et al. Adenosine Triphosphate Bioluminescence-Based Bacteria Detection Using Targeted Photothermal Lysis by Gold Nanorods. Anal Chem. 2018 Sep 4;90(17):10171-10178. Other; Salmonella. 30081627
- [IF=2.7] Shuo Yang. et al. Effects of the lpfD gene on biofilm formation in Salmonella. VET MICROBIOL. 2025 Oct;309:110699 IF; Human. 40897023