

CERTIFICATE OF ANALYSIS

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

Catalog #: B65420P **Lot #:** 6D11915

Description: Rabbit A' *Listeria monocytogenes*
Rabbit Antibody to *Listeria monocytogenes*
Horseradish Peroxidase Conjugated

Specificity: Recognizes whole cells. Antiserum is not absorbed and may react with other related microorganisms. Cross-reacts with Group A Streptococcus, Group B Streptococcus, *S. pneumoniae*, *Staph aureus*, *Clostridium perfringens* and *Bacillus subtilis*.

Host Animal: Rabbit

Immunogen: *Listeria monocytogenes*, ATCC #43251

Format: HRP, Liquid

Purification: IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent. HRP: IgG substitution is 2-3.

Concentration: 1-2 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: PBS containing 10 mg/mL BSA.

Preservative: 0.002% Thimerosal

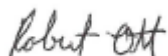
Applications: Suitable for use in ELISA and Immunofluorescence. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

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. Antonini, J.M., et al., (2002), "Residual Oil Fly Ash Increases the Susceptibility to Infection and Severely Damages the Lungs after Pulmonary Challenge with a Bacterial Pathogen", Toxicological Sciences, **70**: 110-119.
3. Van Kirk, L.S., et al., (2000), "Ultrastructure of Rickettsia rickettsii Actin Tails and Localization of Cytoskeletal Proteins", Infection and Immunity, **68**(8): 4706-4713.
4. Heinzen, R.A., et al., (1999), "Dynamics of Actin-Based Movement by Rickettsia rickettsii in Vero Cells", Infection and Immunity, **67**(8): 4201-4207.



Signature

11 Nov 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY