

CERTIFICATE OF ANALYSIS

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

Catalog #: B65004R **Lot #:** 1B05521

Description: Rabbit anti *E. coli* All Ag's
Rabbit Antibody to *Escherichia coli* (*E. coli*), O and K Antigenic Serotypes
Horseradish Peroxidase Conjugated

Specificity: Many "O" and "K" antigenic serotypes of *Escherichia coli*. Antiserum is not absorbed and does react with related *Enterobacteriaceae*. Will remove *E. coli* proteins from recombinant preparations.

Host Animal: Rabbit

Immunogen: Mixture of *E.coli* Serotypes

Format: HRP, Liquid

Purification: Protein A Chromatography
Covalently coupled to highly purified preparation of horseradish peroxidase (RZ > 3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is not present.

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

Buffer: Phosphate Buffered Saline containing 10 mg/mL BSA.

Preservative: 0.002% Thimerosal
NOTE: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

Applications: Suitable for use in Immunocytochemistry and ELISA. 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 reference listed below is for research purposes only:
Salminen, A., et al., (2007), "Inhibition of P-fimbriated *Escherichia coli* adhesion by multivalent galabiose derivatives studied by a live-bacteria application of surface plasmon resonance", Journal of Antimicrobial Chemotherapy, **60**: 495–501.

Quality Signature: 

25 FEB 2021\

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY