

CERTIFICATE OF ANALYSIS

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

Catalog #: B65007R **Lot #:** 2E14721

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

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

Host Animal: Rabbit

Immunogen: Mixture of *E. coli* serotypes.

Format: Biotin, Liquid

Purification: Protein A chromatography. Covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.

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

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

Preservative: 0.1% Sodium Azide

Applications: Avidin and streptavidin amplification systems for ELISA and fluorescence microscopy. 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:



27 MAY 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY