

CERTIFICATE OF ANALYSIS

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

Catalog #: B65109F **Lot #:** 16A02121

Description: Goat anti *E. coli* (All Antigens)
Goat Antibody to *Escherichia coli* (*E. coli*), O and K Antigenic Serotypes
Fluorescein Conjugated

Specificity: Many "O" and "K" antigenic serotypes of *Escherichia coli*. Antiserum is not absorbed and may react with related *Enterobacteriaceae*.

Host Animal: Goat

Immunogen: Mixture of *E. coli* serotypes.

Format: FITC, Liquid

Purification: IgG fraction covalently coupled with high purity Isomer I of fluorescein Isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

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

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2 containing 10 mg/mL BSA.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA and direct IFA. Acetone fixation of the antigen source is recommended prior to staining. Enzyme amplification following reaction with FITC conjugate can also be accomplished utilizing enzyme-antibody conjugates specific to FITC (Catalog #K65701R and #K65702R). 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 under subdued light. 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.

Quality Signature:



22 JAN 2021\

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY