



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: B65109B **Lot #:** 2G19319

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

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

Host Animal: Goat

Immunogen: Mixture of *E. coli* serotypes.

Format: Biotin, Liquid

Purification: Purified IgG fraction 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 Saline, pH 7.2
No stabilizing proteins have been added.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use with avidin and streptavidin amplification systems for 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 Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

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12 JUL 2019

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY