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# Certificate of Analysis and DataSheet Goat Anti E. Coli (O & K Antigens) Biotin conjugated

**Catalog No.**

MD-05-0123

**Species**

Bacteria

## Preparation

**Host Animal:** Goat**Immunogen:** Mixture of E. coli serotypes**Purification:** Purified IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.

## Specificity

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

## Formulation

**Format:** Biotin, Liquid**Concentration:** 4–5mg/ml (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.4)**Buffer:** 0.01M PBS, pH 7.2

No stabilizing proteins have been added.

**Preservative:** 0.1% Sodium azide

## 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.

## 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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**