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Certificate of Analysis and DataSheet Goat Anti *E. Coli* (O & K Antigens) Horseradish Peroxidase conjugated

Catalog No.

MD-05-0124

Species

Bacteria

Preparation

Host Animal: Goat
Immunogen: Mixture of *E. coli* serotypes
Purification: IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent.

Specificity

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

Formulation

Format: HRP, Liquid
Concentration: 1–2 mg/ml (OD_{280nm}, E^{0.1%} = 1.4)
Buffer: PBS containing 10 mg/ml BSA
Preservative: 0.002% Thimerosal

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 in ELISA and IFA. 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.

Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

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