



RayBiotech, Inc.

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Certificate of Analysis and DataSheet Rabbit Anti E. Coli (O & K Antigens)

Catalog No.
MD-05-0134

Species
Virus

Preparation

Host Animal: Rabbit

Purification: >95% pure. Protein A chromatography

Immunogen: Mixture of E. coli serotypes

Specificity

Many "O" and "K" antigenic serotypes of Escherichia coli. Antiserum is not absorbed and does cross-react with related Enterobacteriaceae. Will remove E. coli proteins from recombinant preparations.

Formulation

Format: Purified, Liquid

Concentration: 4-5mg/ml (OD_{280nm}, E^{0.1%} = 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.

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



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
Western Blotting			.	
Fluorescence microscopy	.			
IHC			.	
Flow Cytometry			.	
Immunoprecipitation			.	
Competitive RIA			.	

Note: Also suitable for conjugation purposes. Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

References

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

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