



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet

## Rabbit Antibody to Escherichia coli (E. coli)

### (O and K antigenic serotypes)

### Fluorescein conjugated

**Catalog No.**  
MD-14-1092

**Target Species**  
E. coli

**Isotype**  
IgG

### Preparation

**Immunogen:** Mixture of E. coli serotypes

**Purification:** Protein A chromatography purified IgG fraction coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product

### Formulation

**Product Type:** Polyclonal Antibody

**Product Form:** FITC, Liquid

**Buffer:** 0.01M PBS, pH 7.2 containing 10mg/ml BSA

**Preservative Stabilizers:** 0.1% Sodium azide

**Approx. Protein Concentration:** 4-5mg/ml (OD280nm,  $E^{0.1\%} = 1.4$ )

### Specificity

Many "O" and "K" antigenic serotypes of Escherichia coli. Even labile ones will react. Antiserum is unabsorbed and will react with related Enterobacteriaceae. Will remove E. coli proteins from recombinant preparations.

### 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.

### 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

**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**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	•			
Western Blotting			•	

**Note:** Other applications are not tested yet. Optimal dilutions should be determined by the user.

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