



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Goat Anti Escherichia coli (E. coli) O157:H7

Catalog No.
MD-05-0118

Species
Bacterial

Isotype
Goat IgG

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western blot			.	
Flow Cytometry			.	
IFA			.	
Sandwich Immunoassay	.			

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

Specificity

Reacts with E. coli O157:H7. Cross-reacts weakly with Salmonella sp. O antigens.

Formulation

Format: Affinity Purified, Liquid
Concentration: 2.3mg/ml (OD280nm, $E^{0.1\%} = 1.4$)
Buffer: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride
Preservative: 0.1% Sodium azide

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



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Preparation

Immunogen: Whole-organisms that retain native structure of O and H antigens.
Purification: Immunoaffinity chromatography. Product is 0.2 μ m filtered.

Storage

Short term (up to 7 days) store at 2–8°C. Long term, aliquot and store at <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used.

Avoid multiple freeze/thaw cycles.

Centrifuge before opening to ensure complete recovery of vial contents.

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