



## RayBiotech, Inc.

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### Certificate of Analysis and DataSheet

#### Mouse Anti E. Coli Shigatoxin 1&2

**Catalog No.**  
MD-05-0135

**Isotype**  
IgG

**Source**  
Ascites

#### **Description**

Monoclonal Antibody to Escherichia coli (E. coli) Shigatoxin (STX) 1 & 2, pooled IgG

#### **Preparation**

**Host Animal:** Mouse  
**Purification:** Protein A chromatography

#### **Specificity**

Reacts with Escherichia coli (E. coli) Shigatoxin (STX) 1 & 2

#### **Formulation**

**Format:** Purified, Lyophilized  
Reconstitute with 1ml deionized water.  
**Concentration:** 1mg/ml (prior to lyophilization)  
**Buffer:** Lyophilized from 5mM Phosphate buffer, pH 7.2 - 7.4  
**Preservative:** None

#### **Applications**

Suitable for use in ELISA (capture antibody at 20µg/ml), Western blot (1µg/ml) and Toxin Neutralization. Neutralizes Vero Cell toxicity of E. coli O157:H7 extracts when used at a 5ug/ml concentration. 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.

#### **Storage**

Store lyophilized product at 2–8°C. After reconstitution, short term (up to 2 weeks) store at 2–8°C. Long term (up to one year) aliquot and store at -20°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 repeated freeze/thaw cycles.

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