



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** C01533M **Lot #:** 3E14617

**Description:** MAb to *E. coli* O157  
Monoclonal Antibody to *Escherichia coli* (*E. coli*) O157

**Specificity:** Reacts with the "O" antigen of *E. coli* serotype O157. Crossreacts with *Salmonella* O30 (hilversum) and *Salmonella* O30 (Urbana). Non-reactive with *E. coli* serotypes O111, O125, O20 and O55.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Partially purified *E. coli* O157 LPS.

**Format:** Purified, Liquid

**Purification:** > 90% pure. Protein A Chromatography

**Concentration:** 3.4 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.3)

**Buffer:** 0.01 M Phosphate Buffered Saline, pH 7.2  
Product contains no stabilizing proteins.

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in IFA and ELISA. Works with stool samples. 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.

Recommended antibody pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C01534M	C01533M
C01535M	C01533M
C01536M	C01533M

**Storage:** Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Corry Thomas

30 May 2017

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**