

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** C01537M **Lot #:** 12A02121

**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>3</sub>

**Source:** Ascites

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

**Format:** Purified, Liquid

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

**Concentration:** 2.3 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. 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 pair for sandwich immunoassay:  

<u>Capture</u>	<u>Detection</u>
C01537M	C01534M

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

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

Quality Signature:



22 JAN 2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**