

CERTIFICATE OF ANALYSIS

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

Catalog #: C01535M **Lot #:** 5H22722

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:** IgG₁

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^{0.1%} = 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 pair for sandwich immunoassay:

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

Storage: Store at 2-8°C.

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

Quality Signature:



15 Aug 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY