

CERTIFICATE OF ANALYSIS

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

Catalog #: C01846M **Lot #:** 3I26620

Description: MAb to *Enterobacteriaceae* ECA
Monoclonal Antibody to *Enterobacteriaceae* Enterobacterial Common Antigen (ECA)

Specificity: Reacts with the following bacteria: *E. coli* O157, *E. coli* K12, *Shigella sonnei*, *Shigella flexneri* 1a, *Shigella flexneri* 2a, *Shigella dysenteriae*, *Salmonella typhimurium* (Ra), *Salmonella minnesota*, *Salmonella* group B, *Citrobacter freundii*, *Enterobacter aerogenes*, *Proteus OX19*, *Yersinia enterocolitica*, *Serratia marcescens*, and *Klebsiella pneumoniae*.

This antibody is non-reactive with: *Pseudomonas aeruginosa*, *Vibrio cholera* & *Listeria monocytogenes* 3b.

Host Animal: Mouse **Isotype:** IgG_{2a}

Source: Ascites

Immunogen: Mixture of 6 different *Shigella* species.

Format: Purified, Liquid

Purification: > 90% pure. Protein A Chromatography

Concentration: 1.7 mg/mL (OD280nm, E^{0.1%} = 1.3)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
This product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA and IFA. 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 at 2-8°C.

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

Bianca Gale

22 SEPT 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY