



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: C01945M **Lot #:** 33K33217

Description: MAb to *E. histolytica* & *dispar*
Monoclonal Antibody to *Entamoeba histolytica* and *Entamoeba dispar*

Specificity: Recognizes *Entamoeba histolytica* and *Entamoeba dispar*.
No cross reactivity with *Campylobacter jejuni*, *Helicobacter pylori*, *Shigella boydii*, *Campylobacter coli*, *Listeria monocytogenes*, *Shigella dysenteriae*, *Clostridium difficile*, *Salmonella enteritidis*, *Shigella flexneri*, *Escherichia coli* O157:H7, *Salmonella paratyphi*, *Shigella sonnei*, *Cryptosporidium parvum*, *Salmonella typhi*, *Staphylococcus aureus*, *Giardia lamblia*, *Salmonella typhimurium*.

Host Animal: Mouse **Isotype:** IgG₁

Source: Cell Culture

Immunogen: EH 29 protein from *Entamoeba histolytica* and *Entamoeba dispar*.

Format: Purified, Liquid

Purification: ≥ 90% Pure by SDS-PAGE. Protein A Chromatography

Concentration: 2.33 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.2

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in Lateral Flow Assay. 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 Antibodies and Antigens for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>	<u>Recombinant Antigens</u>
C01945M	C01945M	R01718 (<i>E. histolytica</i>) and R01719 (<i>E. dispar</i>)

Storage: Store at 2-8°C.

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

Diana Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY