

CERTIFICATE OF ANALYSIS

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

Catalog #: C02023M **Lot #:** 10E14220

Description: MAb to *Giardia lamblia* Cysts
Monoclonal Antibody to *Giardia lamblia* Cysts

Specificity: Reacts with the 65 kDa *Giardia* antigen. Detects cysts.
No cross reactivity with *Cryptosporidium*, *E. coli*, *Shigella* species, *Salmonella* species, *K. pneumoniae*, *E. faecium*, *Y. enterocolitica*, HSV-1, *T. gondii*.

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

Source: Ascites

Immunogen: *Giardia lamblia*-specific antigen (GSA-65).

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Purified by Protein A Chromatography

Concentration: 4.77 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 10 mM Phosphate Buffered Saline, pH 7.2
This product does not contain any stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA, IFA, Lateral Flow, IFA and Western Blot. 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 pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C02023M	C02022M
C02023M	C02024M

Storage: Store at 2-8°C for up to one year. For long term storage, aliquot and store at -20°C to avoid multiple freeze/thaw cycles.

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

Bianca Gelle

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY