



Meridian

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CERTIFICATE OF ANALYSIS

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

Catalog #: C86018M **Lot #:** 20I27315

Description: MAb to C. botulinum B Toxoid
Monoclonal Antibody to Clostridium botulinum Type B Toxoid

Specificity: Cross-reactivity:
B Toxoid 100%
A Toxoid 9.0%
E Toxoid 7.1%

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG₁

Source: Ascites

Immunogen: Formaldehyde-inactivated Clostridium botulinum B Toxoid

Format: Purified, Liquid

Purification: ≥95% pure (SDS-PAGE). Protein G chromatography

Concentration: 3.5 mg/ml (OD280nm, E^{0.1%} = 1.4)

Affinity Constant: Not determined

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium azide

Applications: Suitable for use in 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 pair for sandwich immunoassay (Does not cross-react with A and E Toxoids):

<u>Capture</u>	<u>Detection</u>
C01722M	C86018M

Storage: Store at 2-8°C.

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

Signature

11 Feb 2017

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY