



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

60 Industrial Park Road  
Saco, ME 04072  
Telephone: 207.283.6500  
Fax: 207.283.4800  
Email: info@meridianlifescience.com  
www.MeridianLifeScience.com

### SPECIFICATION SHEET

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

**Catalog #:** C86710M **Lot #:** 14L36206

**Description:** MAb to B. anthracis (LF)  
Monoclonal Antibody to Bacillus anthracis Lethal Factor

**Specificity:** Lethal factor antigen of Bacillus anthracis. Does not cross-react with protective antigen of B. anthracis, Y. pestis, F. tularensis or T. gondii.

**Clone:** BAL0106

**Host Animal:** Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Lethal factor antigen of Bacillus anthracis (vaccine strain STI-1)

**Format:** Purified, Liquid

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

**Concentration:** 3.3mg/ml (OD280nm, E<sup>0.1%</sup> = 1.4)

**Affinity Constant:** Not determined

**Buffer:** PBS, pH 7.4

**Preservative:** 0.1% 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 antibody pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C86710M	C86701M

**Storage:** Store at 2-8°C.

**Warning:** This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**