



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

5171 Wilfong Road  
Memphis, TN 38134  
USA

Telephone: 901-382-8716

Fax: 901-333-8223

Email: info@meridianlifescience.com

www.MeridianLifeScience.com

### CERTIFICATE OF ANALYSIS

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

**Catalog #:** E86209M **Lot #:** 18J30017

**Description:** MAb to Proinsulin  
Monoclonal Antibody to Human Proinsulin

**Specificity:** Reacts with the site of connection of C-peptide and C-end of B-chain of proinsulin molecule. Does not cross-react with human, bovine, porcine insulin, bovine and porcine proinsulin, and human C-peptide.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>, kappa

**Immunogen:** Purified Human Proinsulin

**Format:** Purified, Liquid

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

**Concentration:** 6.0 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** Phosphate Buffered Saline, pH 7.4

**Preservative:** 0.09% Sodium Azide

**Applications:** Detection of human proinsulin in two-site enzyme Immunoassay. Can be used in Immunohistochemistry on frozen sections. 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:

<u>Capture</u>	<u>Detection</u>
E86209M	E86102M (Insulin)

**Storage:** Store at 2-8°C.

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

*Brenda Dinn*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**