



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: E86210M **Lot #:** 9J29017

Description: MAb to Insulin/Proinsulin, Rat
Monoclonal Antibody to Rat/Mouse Insulin/Proinsulin

Specificity: Cross-reacts with human, bovine, porcine insulin and proinsulin.

Host Animal: Mouse **Isotype:** IgG₁, kappa

Immunogen: Purified Human Insulin

Format: Purified, Liquid

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

Concentration: 8.6 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Detection of rat/mouse insulin/proinsulin in two-site enzyme Immunoassay. Can also 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>
E86210M	E86307M
E86104M	E86210M + E86307M

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