

CERTIFICATE OF ANALYSIS

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

Catalog #: E86102M **Lot #:** 4G20822

Description: MAb to Insulin
Monoclonal Antibody to Human Insulin

Specificity: Insulin, human. Cross-reacts with human proinsulin, bovine insulin (30%) and porcine insulin. Does not react with free C-peptide.

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

Immunogen: Purified Human Insulin

Format: Purified, Liquid

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

Concentration: 5.6 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Detection of insulin in two-site enzyme Immunoassay. 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>
E86102M	E86201M
E86209M	E86102M (Insulin)

Storage: Store at 2-8°C.

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

Quality Signature:



27 Jul 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY