

CERTIFICATE OF ANALYSIS

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

Catalog #: E86201M **Lot #:** 3H21522

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. Hybridization of X63-Ag8-653 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG₁, kappa

Immunogen: Purified Human Insulin

Format: Purified, Liquid

Purification: > 90% pure. Protein A Chromatography

Concentration: 5.7 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservatives: 0.09% Sodium Azide

Applications: Detection of insulin of two-site enzyme Immunoassay. May 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. The following pair is recommended for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
E86102M	E86201M

Storage: Store at 2–8°C.

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

Quality Signature:



03 Aug 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY