

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** E01339M **Lot #:** 16A02916

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

**Specificity:** Recognizes human proinsulin molecule generated by the interactions between insulin and C-peptide parts of proinsulin. Does not cross-react with human, bovine and porcine insulin. Does not cross-react with bovine and porcine proinsulin, and human C-peptide.

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

**Source:** Ascites

**Immunogen:** Purified Human Proinsulin

**Format:** Purified, Liquid

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

**Concentration:** 6.4 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

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

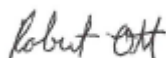
**Preservative:** 0.09% Sodium Azide

**Applications:** Suitable for use in sandwich ELISA for the detection of proinsulin in human serum.  
Immunosorbent: Suitable for use as a specific immunosorbent (using solid phase) of proinsulin molecules in serum samples prior to the detection of insulin C-peptide.  
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 ELISA:  

<u>Capture</u>	<u>Detection</u>
E01339M	E86102M
E01339M	E86802M

**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.



Signature

29 Jan 2016  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**