

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** E86211M **Lot #:** 2H21522

**Description:** MAb to Insulin C-terminal  
Monoclonal Antibody to Human Insulin C-terminal

**Specificity:** Insulin, human. Reacts with C-terminal pentapeptide of insulin beta-chain. Cross-reacts with human proinsulin, bovine insulin (30%) and porcine insulin.

**Host Animal:** Mouse. Hybridization of X63-Ag8-653 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>1</sub>, kappa

**Immunogen:** Purified human insulin.

**Format:** Purified, Liquid

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

**Concentration:** 6.5 mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.4)

**Affinity Constant:**  $1 \times 10^9 \text{M}^{-1}$

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

**Preservative:** 0.09% Sodium Azide

**Applications:** Suitable for use in ELISA. 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.

**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**