

CERTIFICATE OF ANALYSIS

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

Catalog #: E86710M **Lot #:** 14E13214

Description: MAb to C-Peptide
Monoclonal Antibody to Human C-Peptide

Specificity: Reacts with Human C-peptide. Does not cross-react with human, cow, pig or mouse/rat insulin.

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

Source: Ascites

Immunogen: Recombinant C-Peptide

Format: Purified, Liquid

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

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

Affinity Constant: K_d >1 x 10⁸

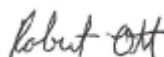
Buffer: PBS, pH 7.4

Preservative: 0.1% Sodium Azide

Applications: Competitive ELISA and RIA detection of Human C-peptide after the immunospecific removal of proinsulin. 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.

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

11 Sept 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY