

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** E86260M **Lot #:** 12J30017

**Description:** MAb to Thyroxine (T4)  
Monoclonal Antibody to Thyroxine (T4)

**Specificity:** Thyroxine (T4). Reacts with T4-BSA conjugate and with free thyroxine. Cross reactivity with Triiodothyronine (T3) is < 1%. Reactivity with L-Thyroxine is 100% and with D-Thyroxine is 30%.

**Host Animal:** Mouse **Isotype:** IgG

**Source:** Ascites

**Immunogen:** Conjugate of purified thyroxine with BSA.

**Format:** Purified, Liquid

**Purification:** > 90% pure. Ion Exchange Chromatography

**Concentration:** 3.3 mg/mL (OD280nm,  $E^{0.1\%} = 1.4$ )

**Buffer:** 0.15 M NaCl, 10 mM Tris, pH 7.5.

**Preservative:** 0.05% Sodium Azide

**Applications:** Detection of thyroxine. Suitable for use in ELISA applications. 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.

*Diana D.*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**