

CERTIFICATE OF ANALYSIS

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

Catalog #: MAT02-525 **Lot #:** M31722018

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

Specificity: Cross-Reactivity:
T3 1.0%
rT3 1.4%

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: KLH conjugate of L-thyroxine.

Format: Purified, Liquid **DOM:** 05 APR 2018

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography
Product is 0.2 µm filtered.

Concentration: 5.34 mg/mL (OD280nm, E^{0.1%} = 1.4) **EXP:** 07 JAN 2024

Buffer: 10 mM Phosphate, pH 7.4 ± 0.2 containing 150 mM Sodium Chloride.

Preservative: 0.05% Sodium Azide

Applications: Specific methodologies have not been tested using this product.

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

References: The reference listed below is for research purposes only:
Bellisario, R., et al., (2000), "Simultaneous Measurement of Thyroxine and Thyrotropin from Newborn Dried Blood-Spot Specimens Using a Multiplexed Fluorescent Microsphere Immunoassay", Clinical Chemistry, 46(9): 1422-1424.


Quality Signature

07 January 2022
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY