

CERTIFICATE OF ANALYSIS

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

Catalog #: E01325M **Lot #:** 3K32122

Description: MAb to Thyroglobulin
Monoclonal Antibody to Human Thyroglobulin

Specificity: Specifically recognizes human thyroglobulin. Does not interfere with anti-thyroglobulin autoantibodies.

Host Animal: Mouse **Isotype:** IgG_{2b}

Source: Cell Culture

Immunogen: Thyroglobulin from human thyroid gland.

Format: Purified, Liquid

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

Concentration: 5.0 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Detection of human thyroglobulin in two-site enzyme Immunoassay. 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 pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
E01326M	E01325M

Storage: Store at 2–8°C.

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

References: The reference listed below is for research purposes only:
Erali, M., et al., (1996), "ELISA for thyroglobulin in serum: recovery studies to evaluate autoantibody interference and reliability of thyroglobulin values", Clinical Chemistry, **42**(5): 766–770.

Quality Signature:



16 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY