



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: MDT04-005 **Lot #:** H0340.R

Description: MAb to TSH
Monoclonal Antibody to Human Thyroid Stimulating Hormone (TSH)

Specificity: Cross-Reactivity:
TSH 100%
LH 2.1%
FSH 1.0%
hCG 0.0%

Clone: 057-11005

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

Source: Ascites

Immunogen: Source: Human Pituitary Gland

Format: Purified, Liquid

Purification: >90% pure (SDS-PAGE). Caprylic Acid/ABX
Product is 0.2 µm filtered.

Concentration: 5.57 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Affinity Constant: 1.8 x 10¹⁰ L/m

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

Preservative: 0.1% 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. Recommended pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
MDT04-005	MCT04-000
MCT04-001	MDT04-005

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.

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.

Robert Ott

Signature

13 May 2014

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY