

CERTIFICATE OF ANALYSIS

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

Catalog #: MCT04-001 **Lot #:** M00774014

Description: MAb to TSH
Monoclonal Antibody to Thyroid Stimulating Hormone (TSH) intact and beta subunits.

Specificity: Human Thyroid Stimulating Hormone (TSH), intact and beta subunits.
Cross-Reactivity:

TSH	100%
hCG	0%
LH	0%
FSH	0%

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

Source: Ascites

Immunogen: Source: Human Pituitary Gland

Format: Purified, Liquid **DOM:** 05 NOV 2013

Purification: > 80% pure (SDS-PAGE). DEAE Chromatography.
Product is 0.2 µm filtered.

Concentration: 5.3 mg/mL (OD280nm, E^{0.1%} = 1.4) **EXP:** 06 JAN 2024

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

Preservative: 0.05% 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>
MCT04-001	MAT04-005
MCT04-001	MAT04-006
MAT04-005	MCT04-001
MCT04-001	MDT04-005
MDT04-005	MCT04-001

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): See appropriate Safety Data Sheet (SDS) for additional information.


Quality Signature

06 JAN 2022
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY