



CERTIFICATE OF ANALYSIS

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

Catalog #: MAT04-005 **Lot #:** H0906

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

Specificity: Human Thyroid Stimulating Hormone
Cross Reactivity:
TSH 100%
hCG 0.0%
LH 2.1%
FSH 1.0%

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

Source: Ascites

Immunogen: Source: Human Pituitary Gland

Format: Purified, Liquid **Exp. Date:** 08 APR 2018

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

Concentration: 5.4 mg/mL (OD280nm, 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>
MCT04-001	MAT04-005
MAT04-005	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): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Corry Thomas

23 Jun 2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY