

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** MAT04-252 **Lot #:** R0098.1

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

**Specificity:** Cross-reactivity:  
TSH alpha 1.0%  
TSH beta 0.6%  
FSH 0.6%  
LH 0.3%

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>, kappa

**Source:** Ascites

**Immunogen:** Affinity purified human TSH and TSH beta chain.

**Format:** Purified, Liquid **Exp. Date:** 09 NOV 2023

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

**Concentration:** 4.64 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

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

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in ELISA. This antibody pairs with Catalog #MAT04-410. 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.

**Storage:** Short-term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

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

  
Quality Signature

09 November 2021  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**