

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** MAT04-006 **Lot #:** 1L35507

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

**Specificity:** Crossreacts with LH and FSH  $\leq 0.10\%$ . Does not cross react with hCG.

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

**Source:** Ascites

**Immunogen:** Source: Human Pituitary Gland

**Format:** Purified, Liquid **Exp. Date:** 21 JUN 2023

**Purification:**  $\geq 90\%$  pure (SDS-PAGE). Protein A Chromatography  
Product is 0.2  $\mu$ m filtered.

**Concentration:** 4.96 mg/mL (OD280nm, E<sup>1%</sup> = 14)

**Buffer:** 10 mM Sodium Phosphate, pH 7.4  $\pm$  0.2 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> |
|----------------|------------------|
| MAT04-003      | MAT04-006        |
| MCT04-001      | MAT04-006        |
| MAT04-410      | MAT04-006        |

**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 Sheets (SDS) for additional information.

  
Signature

26 June 2021  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

Rev 003