

# Rabbit anti-Human Thyroid Stimulating Hormone mAb

**Catalog No.: RMK0581**

## Basic Information

**Catalog No.**  
RMK0581

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact

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## Background

The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family. Two transcript variants encoding different isoforms have been found for this gene. The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. Thyroid stimulating hormone functions in the control of thyroid structure and metabolism. The protein ...

## Immunogen Information

**Immunogen**  
Recombinant Human Thyroid Stimulating Hormone protein

## Cross-Reactivity

Human

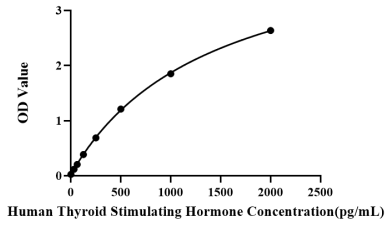
## Assay Applications

Human Thyroid Stimulating Hormone Sandwich Immunoassay

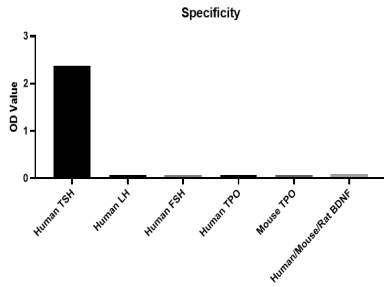
		Recommended Concentration	Sample
ELISA	Capture	1-4 µg/mL	Rabbit anti-Human Thyroid Stimulating Hormone mAb (Cat. No. RMK0580)
	Detection	0.035-0.14 µg/mL	Rabbit anti-Human Thyroid Stimulating Hormone mAb (Cat. No. RMK0581)
	Standard	31.25-2000 pg/mL	Recombinant Human Thyroid Stimulating Hormone Protein

# Validation Data

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.

