ARG80664 Rat TSH ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description
ARG80664 Rat TSH ELISA Kit is an enzyme immunoassay kit for the quantification of TSH in rat serum. For research use only. Not for use in diagnostic procedures.

Tested Reactivity
Rat

Tested Application
ELISA

Target Name
TSH

Sensitivity
0.1 ng/ml

Sample Type
Serum.

Standard Range
2.5 - 80 ng/ml

Sample Volume
25 µl

Alternate Names
TSH-B; TSH-beta; Thyroid-stimulating hormone subunit beta; Thyrotropin subunit beta; Thyrotropin beta chain; Thyrotropin alfa; TSH-BETA

Application Instructions

Assay Time
18-20 h (4°C), 30 min

Properties

Form
96 well

Storage instruction
Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note
For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol
Tshb

Gene Full Name
thyroid stimulating hormone, beta

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. Thyroid stimulating hormone functions in the control of thyroid structure and metabolism. The protein encoded by this gene is the beta subunit of thyroid stimulating hormone. Mutations in this gene are associated with congenital central and secondary hypothyroidism and Hashimoto's thyroiditis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2013]

Function
Indispensable for the control of thyroid structure and metabolism. [UniProt]

Highlight
Related products:
ARG80664 Rat TSH ELISA Kit standard curve image

ARG80664 Rat TSH ELISA Kit results of a typical standard.