

ARG80664
Rat TSH ELISA KitPackage: 96 wells
Store at: 4°C

Summary

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|---------------------|--|
| 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 |
| Conjugation | HRP |
| Sensitivity | 0.081 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

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|---------------------|--|
| 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:

[TSH antibodies](#); [TSH ELISA Kits](#); [TSH Duos / Panels](#);

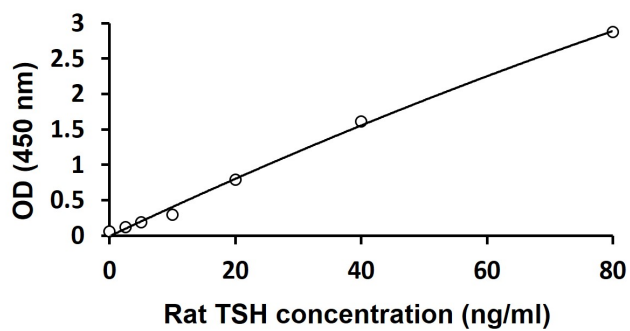
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Cancer kit; Metabolism kit; Neuroscience kit; Signaling Transduction kit

Images



ARG80664 Rat TSH ELISA Kit standard curve image

ARG80664 Rat TSH ELISA Kit results of a typical standard.
