

Human TSH ELISA Kit | TSH elisa kit

Human TSH ELISA Kit

CATALOG # AAA332594	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

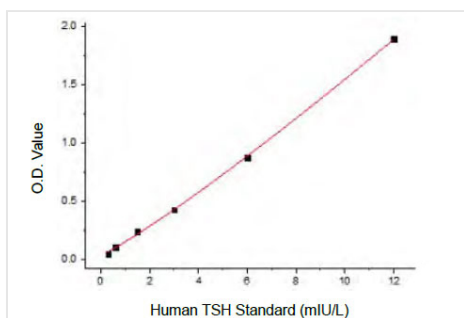
PRODUCT SYNONYMS

TSH; Human TSH ELISA Kit; Thyrotropin subunit beta; TSH A; TSH alpha; TSH B; TSH beta; TSHA; TSHB; Thyroid stimulating hormone; Thyroid stimulating hormone alpha chain; TSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human TSH ELISA Kit has high sensitivity and excellent specificity for detection of Human TSH. No significant cross-reactivity or interference between Human TSH and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma
Detection Range	0.3-12.0 mIU/L
Sensitivity	0.1 mIU/L
Applicable Applications for TSH elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%) $\leq$ 15%.
Inter-assay Precision	Inter-assay Precision :The CV (%) $\leq$ 15%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSH elisa kit	Principle of the Assay: TSH is one of the important indicators for identifying thyroid function and studying the hypothalamus-pituitary-thyroid axis, especially for congenital hypothyroidism. In the assessment of thyroid function, primary and secondary (pituitary and hypothalamic) hypothyroidism can be differentiated. It can be used as an observation index for the efficacy of hypothyroidism. In addition, the reserve function of pituitary TSH can be observed, and the lesions of the hypothalamus and pituitary can be further distinguished.Human TSH ELISA Kit employs a two-site sandwich ELISA to quantitate Human TSH in samples. An antibody specific for Human TSH has been pre-coated onto a microplate. Standards and samples are added to the appropriate microtiter plate wells with HRP conjugated antibody specific for Human TSH and any Human TSH present is bound by the immobilized antibody. Following a wash to remove any unbound enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Human TSH in the sample. The color development is stopped and the intensity of the color is measured.
Product Categories/Family for TSH elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	546845
NCBI GeneID	1081
UniProt Accession #	P01215
Molecular Weight	13,075 Da
NCBI Official Full Name	thyroid-stimulating hormone alpha subunit
NCBI Official Synonym Full Names	glycoprotein hormones, alpha polypeptide
NCBI Official Symbol	CGA
NCBI Official Synonym Symbols	HCG; LHA; FSHA; GPHa; TSHA; GPHA1; CG-ALPHA
NCBI Protein Information	glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; lutropin alpha chain; follitropin alpha chain; thyrotropin alpha chain; choriogonadotropin alpha chain; luteinizing hormone alpha chain; chorionic gonadotrophin subunit alpha; thyroid-sti
UniProt Protein Name	Glycoprotein hormones alpha chain
UniProt Gene Name	CGA
UniProt Synonym Gene Names	CG-alpha; FSH-alpha; LSH-alpha; TSH-alpha
UniProt Entry Name	GLHA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.