

Rat TSH (Thyroid Stimulating Hormone) CLIA Kit | TSH clia kit

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CATALOG #
AAA171144

REACTIVITY
Rat

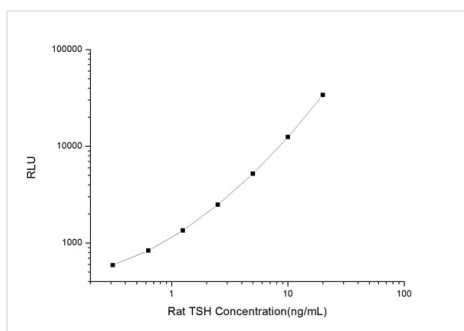
PRODUCT SYNONYMS

TSH (Thyroid Stimulating Hormone); Rat TSH (Thyroid Stimulating Hormone) CLIA Kit; Thyrotropin; TSH clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant TSH. No significant cross-reactivity or interference between TSH and analogues was observed.
Sequence Length	116
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSH clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of TSH concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TSH. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TSH and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TSH, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TSH. You can calculate the concentration of TSH in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	546845
NCBI GeneID	1081
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
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-clia-kits/tsh-thyroid-stimulating-hormone/171144>