

Goat glycoprotein hormones, alpha polypeptide ELISA Kit | CGA elisa kit

Goat Thyroid Stimulating Hormone, TSH ELISA Kit

CATALOG #
AAA79532

REACTIVITY
Goat

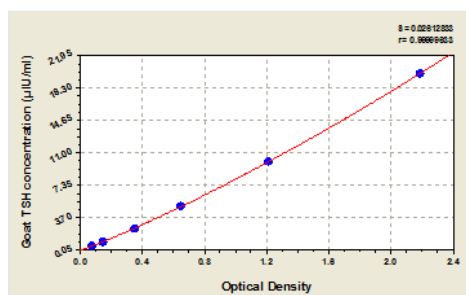
PRODUCT SYNONYMS

glycoprotein hormones; alpha polypeptide; Goat Thyroid Stimulating Hormone; TSH ELISA Kit; CG-ALPHA; FSHA; GPHA1; GPHA; HCG; LHA; TSHA; chorionic gonadotropin; follicle-stimulating hormone alpha subunit; CGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat CGA. No significant cross-reactivity or interference between Goat CGA and analogues was observed.
Sequence Length	120
Samples	Serum, plasma, tissue homogenates
Detection Range	0.5uIU/ml-20 uIU/ml
Sensitivity	0.25 uIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CGA elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TSH. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for TSH and incubated. Then substrate solution A and B are added to each well. Only those wells that contain TSH, HRP-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of TSH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	550822121
NCBI GeneID	100860817
NCBI Accession #	NP_001272613.1
NCBI GenBank Nucleotide #	NM_001285684.1
UniProt Accession #	Q8WMW8
Molecular Weight	13,588 Da
NCBI Official Full Name	glycoprotein hormones alpha chain
NCBI Official Symbol	CGA
NCBI Official Synonym Symbols	FSH-alpha; LSH-alpha; TSH-alpha
NCBI Protein Information	glycoprotein hormones alpha chain; Lutropin alpha chain; Follitropin alpha chain; Thyrotropin alpha chain; Luteinizing hormone alpha chain; glycoprotein hormone alpha subunit; Thyroid-stimulating hormone alpha chain; Follicle-stimulating hormone alpha chain; Anterior pituitary glycoprotein hormones common subunit alpha
UniProt Protein Name	Glycoprotein hormones alpha chain
UniProt Gene Name	CGA
UniProt Synonym Gene Names	FSH-alpha; LSH-alpha; TSH-alpha
UniProt Entry Name	GLHA_CAPHI

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/cga-goat-elisa-kits/glycoprotein-hormones-alpha-polypeptide/79532>