

Fish Glycoprotein hormones alpha chain ELISA Kit | CGA elisa kit

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CATALOG #
AAA56267

REACTIVITY
Fish

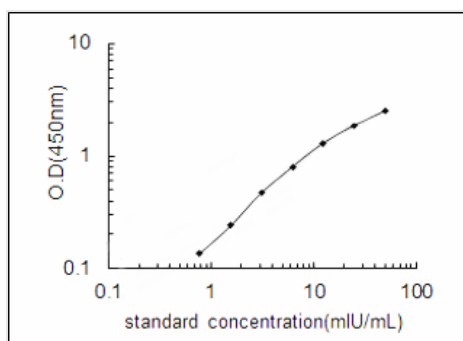
PRODUCT SYNONYMS

Glycoprotein hormones alpha chain; Fish Glycoprotein hormones alpha chain ELISA Kit; CGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay recognizes recombinant and natural fish Glycoprotein hormones alpha chain. No significant cross-reactivity or interference was observed.
Sequence Length	147
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.78 mIU/mL -50.0 mIU/mL.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of fish Glycoprotein hormones alpha chain concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

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 Glycoprotein hormones alpha chain. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Glycoprotein hormones alpha chain and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Glycoprotein hormones alpha chain, biotin-conjugated antibody and enzyme-conjugated Avidin 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 Glycoprotein hormones alpha chain in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	356874784
NCBI GeneID	1081
NCBI Accession #	NP_001239312.1
NCBI GenBank Nucleotide #	NM_001252383.1
Molecular Weight	13,075 Da
NCBI Official Full Name	glycoprotein hormones alpha chain isoform 1
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/cga-fish-elisa-kits/glycoprotein-hormones-alpha-chain/56267>