

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

Human Glycoprotein hormones alpha chain, CGA ELISA Kit

CATALOG #
AAA112730

REACTIVITY
Human

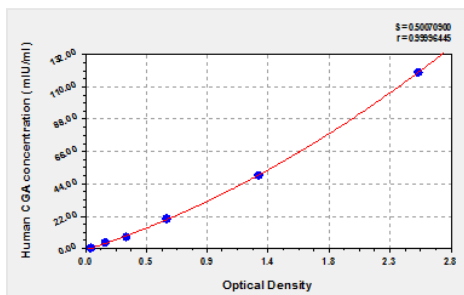
PRODUCT SYNONYMS

glycoprotein hormones; alpha polypeptide; Human Glycoprotein hormones alpha chain; CGA ELISA Kit; Human Glycoprotein hormones alpha chain (CGA) ELISA kit; CG-ALPHA; FSHA; GPHA1; GPHA; HCG; LHA; TSHA; chorionic gonadotropin; follicle-stimulating hormone alpha subunit; CGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CGA. No significant cross-reactivity or interference between human CGA and analogues was observed.
Sequence Length	116
Samples	Serum, plasma, urine, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	4 mIU/ml-120 mIU/ml
Sensitivity	<1 mIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
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: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CGA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for CGA. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CGA bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502787
NCBI GeneID	1081
NCBI Accession #	NP_000726.1
NCBI GenBank Nucleotide #	NM_000735.3
UniProt Accession #	P01215
Molecular Weight	13,075 Da
NCBI Official Full Name	glycoprotein hormones alpha chain isoform 2
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-human-elisa-kits/glycoprotein-hormones-alpha-polypeptide/112730>