

Human Glycoprotein hormones Alpha chain (CGA) ELISA Kit | CGA elisa kit

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CATALOG #
AAA97629

REACTIVITY
Human

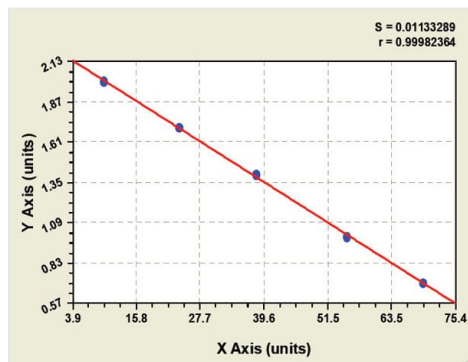
PRODUCT SYNONYMS

Glycoprotein hormones Alpha chain (CGA); Human Glycoprotein hormones Alpha chain (CGA) ELISA Kit; CGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CGA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CGA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CGA elisa kit

Principle of the assay: CGA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CGA antibody and an CGA-HRP conjugate. The assay sample and buffer are incubated together with CGA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CGA concentration since CGA from samples and CGA-HRP conjugate compete for the anti-CGA antibody binding site. Since the number of sites is limited, as more sites are occupied by CGA from the sample, fewer sites are left to bind CGA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CGA concentration in each sample is interpolated from this standard curve.

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/human-elisa-kits/glycoprotein-hormones-alpha-chain-cga/97629>