

Monkey Anti-chorionic gonadotropin-antibody ELISA Kit | AhCGAb elisa kit

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CATALOG #
AAA95642

REACTIVITY
Monkey

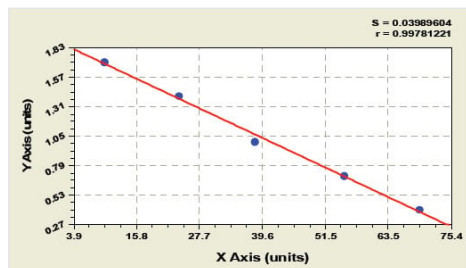
PRODUCT SYNONYMS

Anti-chorionic gonadotropin-antibody; Monkey Anti-chorionic gonadotropin-antibody ELISA Kit; AhCGAb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ACGAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ACGAb. 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 AhCGAb elisa kit

Principle of the assay: ACGAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Chorionic Gonadotropin antigen and an ACGAb-HRP conjugate. The assay sample and buffer are incubated together with ACGAb-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 ACGAb concentration since ACGAb from samples and ACGAb-HRP conjugate compete for the Chorionic Gonadotropin antigen binding site. Since the number of sites is limited, as more sites are occupied by ACGAb from the sample, fewer sites are left to bind ACGAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACGAb concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31869
NCBI GeneID	1081
UniProt Accession #	P01215
Molecular Weight	13,075 Da
NCBI Official Full Name	chorionic gonadotropin
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; FSH-alpha; LSH-alpha; TSH-alpha; lutropin alpha chain; follitropin alpha chain; thyrotropin alpha chain; choriogonadotropin alpha chain; luteinizing hormone alpha chain; chorionic gonadotrophin subunit alpha; thyroid-stimulating hormone alpha chain; follicle-stimulating hormone alpha chain; chorionic gonadotropin, alpha polypeptide; follicle-stimulating hormone alpha subunit; anterior pituitary glycoprotein hormones common subunit alpha
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ahcgab-monkey-elisa-kits/anti-chorionic-gonadotropin-antibody/95642>