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

Human Anti-chorionic gonadotropin-antibody ELISA Kit

CATALOG #	REACTIVITY
AAA87427	**Human**

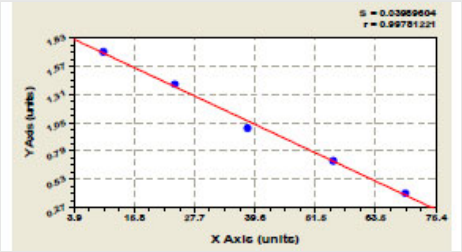
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Sandwich
Sensitivity	1.0pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AhCGAb elisa kit	Intended Uses: This ACE2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ACE2. This ELISA kit for research use only! Principle of the Assay: ACE2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ACE2. Standards or samples are then added to the microtiter plate wells and ACE2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ACE2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ACE2 are added to each well to "sandwich" the ACE2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ACE2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACE2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AhCGAb elisa kit	Signal Transduction

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.

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