

Monkey Hyperglycosylated human chorionic gonadotropin ELISA Kit | hCG-H elisa kit

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CATALOG #
AAA92173

REACTIVITY
Monkey

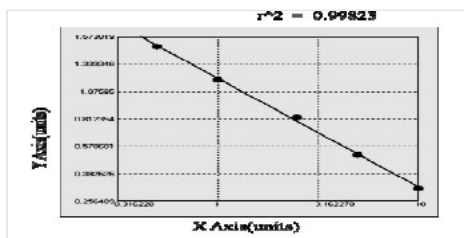
PRODUCT SYNONYMS

Hyperglycosylated human chorionic gonadotropin; Monkey Hyperglycosylated human chorionic gonadotropin ELISA Kit; hCG-H elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000nmol/L
Sensitivity	1.0nmol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for hCG-H elisa kit

Intended Uses: This HCG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HCG. This ELISA kit for research use only!

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

