

Human CGA/HCG ELISA Kit | CGA/HCG elisa kit

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CATALOG #
AAA258404

REACTIVITY
Human

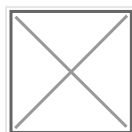
PRODUCT SYNONYMS

CGA/HCG; Human CGA/HCG ELISA Kit; Chorionic Gonadotropin/CGA ELISA Kit; Human; glycoprotein hormones; alpha polypeptide; CG-ALPHA ELISA Kit; FSH alpha ELISA Kit; FSHA ELISA Kit; GPHa ELISA Kit; GPHA1 ELISA Kit; HCG ELISA Kit; LHA ELISA Kit; TSHA ELISA Kit; CGA/HCG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural Human CGA. The factors listed below were prepared at 50 ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.
Assay Type	Quantitative Sandwich
Samples	Serum
Sensitivity	< 3.4 pg/mL
Intra-assay Precision	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Three samples of known concentration were tested in five separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CGA/HCG elisa kit

Principle of the Assay: The principle of this ELISA kit is based on the solid phase sandwich enzyme immunoassay technique. A monoclonal antibody specific for Human CGA/HCG has been pre-coated onto well plate strips. Standards and samples are added to the wells and Human CGA/HCG present in the sample is bound by the immobilized antibody. After incubation the wells are washed and a horseradish peroxidase conjugated anti-Human CGA/HCG antibody is added, producing an antibody-antigen-antibody "sandwich complex". Following a wash to remove any unbound antibody a TMB substrate solution is loaded and color develops in proportion to the amount of Human CGA/HCG bound. The reaction is stopped by the addition of a stop solution and the intensity of the color can be measured at 450 nm (See schematics below).

Intended Uses: For the quantitative determination of Human CGA/HCG concentration in serum.

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.