

Human CG (Chorionic Gonadotropin) ELISA Kit | CG elisa kit

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CATALOG #
AAA270064

REACTIVITY
Human

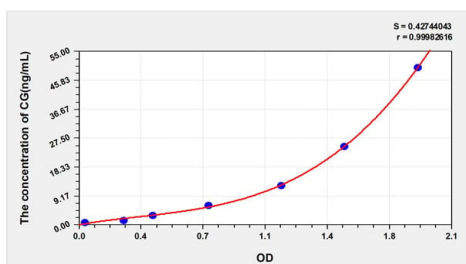
PRODUCT SYNONYMS

CG (Chorionic Gonadotropin); Human CG (Chorionic Gonadotropin) ELISA Kit; hCG; Human Chorionic Gonadotrophin; CG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	serum, plasma, urine, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	0.79-50 ng/mL
Sensitivity	0.32 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CG elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chorionic Gonadotropin(CG). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chorionic Gonadotropin(CG). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Chorionic Gonadotropin(CG), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Chorionic Gonadotropin(CG) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CG elisa kit

Endocrinology; Reproductive science; Neuro science; Genetic science; Hormone metabolism

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://www.aaabiotech.com/human-elisa-kits/cg-chorionic-gonadotropin/270064>