

Monkey CG ELISA Kit | CG elisa kit

Monkey CG(Chorionic Gonadotropin)ELISA Kit

CATALOG #
AAA165761

REACTIVITY
Monkey

PRODUCT SYNONYMS

CG; Monkey CG(Chorionic Gonadotropin)ELISA Kit; CG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey CG in samples. No significant cross-reactivity or interference between Monkey CG and analogues was observed.
Sequence Length	255
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey CG were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey CG were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for CG elisa kit

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Monkey CG. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey CG and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Monkey CG, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Monkey CG. You can calculate the concentration of Monkey CG in the samples by comparing the OD of the samples to the standard curve.

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey CG concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503149
NCBI GeneID	1511
NCBI Accession #	NP_001902.1

NCBI GenBank Nucleotide #	NM_001911.2
UniProt Accession #	P08311 ; Q6IBJ6 ; Q9UCA5 ; Q9UCU6
Molecular Weight	28,837 Da
NCBI Official Full Name	cathepsin G preproprotein
NCBI Official Synonym Full Names	cathepsin G
NCBI Official Symbol	CTSG
NCBI Official Synonym Symbols	CG; CATG
NCBI Protein Information	cathepsin G
UniProt Protein Name	Cathepsin G
UniProt Gene Name	CTSG
UniProt Synonym Gene Names	CG
UniProt Entry Name	CATG_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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Online datasheet: <https://www.aaabiotech.com/monkey-elisa-kits/cg/165761>