

Mouse C-type natriuretic peptide ELISA Kit | Nppc elisa kit

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CATALOG #
AAA56698

REACTIVITY
Mouse

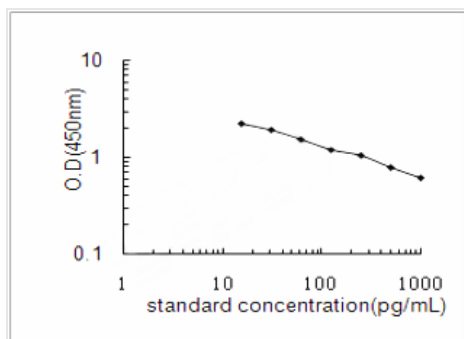
PRODUCT SYNONYMS

C-type natriuretic peptide; Mouse C-type natriuretic peptide ELISA Kit; Nppc; Cnp; Nppc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	126
Assay Type	Competitive
Detection Range	15.6-1000 pg/mL
Sensitivity	8.01 pg/mL
Intra-Assay CV	<=5.4%
Inter-Assay CV	<=8.9%
Recovery	97%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nppc elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754880
NCBI GeneID	18159
NCBI Accession #	NP_035063.1
NCBI GenBank Nucleotide #	NM_010933.5
UniProt Accession #	Q61839
Molecular Weight	13,320 Da
NCBI Official Full Name	C-type natriuretic peptide preproprotein
NCBI Official Synonym Full Names	natriuretic peptide type C
NCBI Official Symbol	Nppc
NCBI Official Synonym Symbols	CNP; lbab
NCBI Protein Information	C-type natriuretic peptide
UniProt Protein Name	C-type natriuretic peptide
UniProt Gene Name	Nppc
UniProt Synonym Gene Names	Cnp
UniProt Entry Name	ANFC_MOUSE

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://stage.aaabiotech.com/nppc-mouse-elisa-kits/c-type-natriuretic-peptide/56698>