

Mouse C-type natriuretic peptide, CNP ELISA Kit | CNP elisa kit

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CATALOG #
AAA41384

REACTIVITY
Mouse

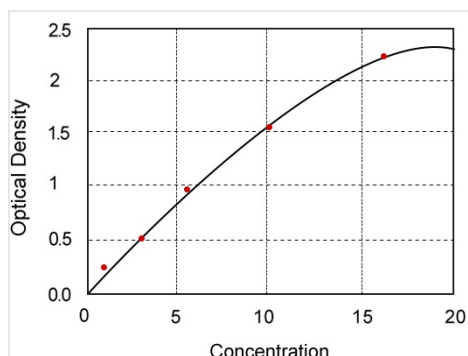
PRODUCT SYNONYMS

C-type natriuretic peptide; CNP; Mouse C-type natriuretic peptide; CNP ELISA Kit; CNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	126
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/L - 900ng/L
Sensitivity	1.52ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse C-type Natriuretic Peptide (also known as CNP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CNP antibody. CNP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CNP Antibody is added and binds to CNP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CNP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse CNP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13249346
NCBI GeneID	4880
NCBI Accession #	NP_077720.1
NCBI GenBank Nucleotide #	NM_024409.3
UniProt Accession #	P23582; Q4ZG41
Molecular Weight	13,246 Da
NCBI Official Full Name	C-type natriuretic peptide preproprotein
NCBI Official Synonym Full Names	natriuretic peptide C
NCBI Official Symbol	NPPC
NCBI Official Synonym Symbols	CNP; CNP2
NCBI Protein Information	C-type natriuretic peptide
UniProt Protein Name	C-type natriuretic peptide
UniProt Gene Name	NPPC
UniProt Synonym Gene Names	CNP2

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/mouse-elisa-kits/c-type-natriuretic-peptide-cnp/41384>