

Rat CNP ELISA Kit | CNP elisa kit

Rat CNP (C-Type Natriuretic Peptide)ELISA Kit

CATALOG #
AAA164938

REACTIVITY
Rat

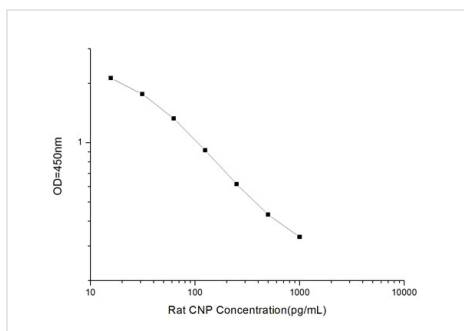
PRODUCT SYNONYMS

CNP; Rat CNP (C-Type Natriuretic Peptide)ELISA Kit; CNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CNP. No significant cross-reactivity or interference between Rat CNP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CNP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	126
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNP elisa kit

Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of CNP in Rat serum, plasma and other biological fluids

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Rat CNP. During the reaction, Rat CNP in the sample or standard competes with a fixed amount of Rat CNP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat CNP. Excess conjugate and unbound sample or standard are washed from the plate, and 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 Rat CNP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13249346
NCBI GeneID	4880
NCBI Accession #	NP_077720.1
NCBI GenBank Nucleotide #	NM_024409.2
UniProt Accession #	P23582; Q4ZG41
Molecular Weight	13,246 Da
NCBI Official Full Name	C-type natriuretic peptide
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; natriuretic peptide precursor C
UniProt Protein Name	C-type natriuretic peptide
UniProt Gene Name	NPPC
UniProt Synonym Gene Names	CNP2
UniProt Entry Name	ANFC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/cnp/164938>