

Mouse natriuretic peptide precursor A ELISA Kit | NPPA elisa kit

Mouse Atrial Natriuretic Peptide, ANP ELISA Kit

CATALOG #
AAA80755

REACTIVITY
Mouse

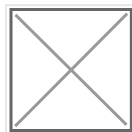
PRODUCT SYNONYMS

natriuretic peptide precursor A; Mouse Atrial Natriuretic Peptide; ANP ELISA Kit; ANF; ANP; ATFB6; CDD-ANF; PND; atrial natriuretic factor; atriopeptin; cardionatrin; prepronatriodilatin; NPPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ANP. No significant cross-reactivity or interference between mouse ANP and analogues was observed.
Sequence Length	152
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml -20 ng/ml
Sensitivity	Typically less than 0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPPA elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ANP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ANP bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	59797056
NCBI GeneID	230899
NCBI Accession #	NP_032751.1
NCBI GenBank Nucleotide #	NM_008725.2
UniProt Accession #	P05125; Q5FW59
Molecular Weight	16,572 Da
NCBI Official Full Name	natriuretic peptides A
NCBI Official Synonym Full Names	natriuretic peptide type A
NCBI Official Symbol	Nppa
NCBI Official Synonym Symbols	ANP; Anf; Pnd
NCBI Protein Information	natriuretic peptides A; prepronatriodilatin; atrial natriuretic factor; atrial natriuretic peptide; natriuretic peptide precursor type A; natriuretic peptide precursor A variant NPPA-M1
UniProt Protein Name	Natriuretic peptides A
UniProt Gene Name	Nppa
UniProt Synonym Gene Names	Pnd; ANF; ANP
UniProt Entry Name	ANF_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/nppa-mouse-elisa-kits/natriuretic-peptide-precursor-a/80755>