

Rat atrial natriuretic factor, ANF ELISA Kit | ANF elisa kit

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CATALOG #
AAA121247

REACTIVITY
Rat

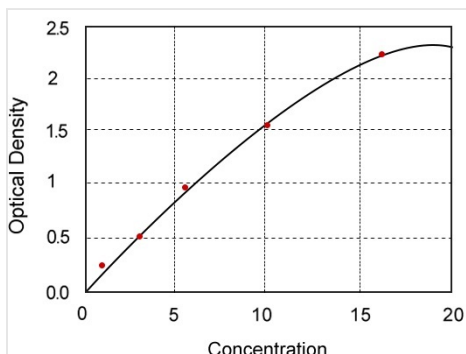
PRODUCT SYNONYMS

atrial natriuretic factor; ANF; Rat atrial natriuretic factor; ANF ELISA Kit; ANF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	75
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	5.22ng/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 ANF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Atrial Natriuretic Factor (also known as ANF) 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 Rat ANF antibody. ANF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ANF Antibody is added and binds to ANF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ANF 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 Rat ANF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	178634
NCBI GeneID	4878
Molecular Weight	16,708 Da
NCBI Official Full Name	atrial natriuretic factor, partial
NCBI Official Synonym Full Names	natriuretic peptide A
NCBI Official Symbol	NPPA
NCBI Official Synonym Symbols	ANF; ANP; CDD; CDP; PND; ATFB6; ATRST2; CDD-ANF
NCBI Protein Information	natriuretic peptides A
UniProt Protein Name	Natriuretic peptides A
UniProt Gene Name	NPPA
UniProt Synonym Gene Names	ANP; PND; CDD; CDP; ANF; ANP

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/rat-elisa-kits/atrial-natriuretic-factor-anf/121247>