

Rat brain natriuretic peptide, BNP ELISA Kit | BNP elisa kit

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CATALOG #
AAA41470

REACTIVITY
Rat

PRODUCT SYNONYMS

brain natriuretic peptide; BNP; Rat brain natriuretic peptide; BNP ELISA Kit; BNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L - 400ng/L
Sensitivity	0.54ng/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 BNP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4433127
NCBI GeneID	4879
Molecular Weight	14,726 Da
NCBI Official Full Name	brain natriuretic peptide, partial
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP(1-32); BNP-32

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/rat-elisa-kits/brain-natriuretic-peptide-bnp/41470>