

Rat Natriuretic peptides B (NPPB) ELISA Kit | NPPB elisa kit

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CATALOG #
AAA121291

REACTIVITY
Rat

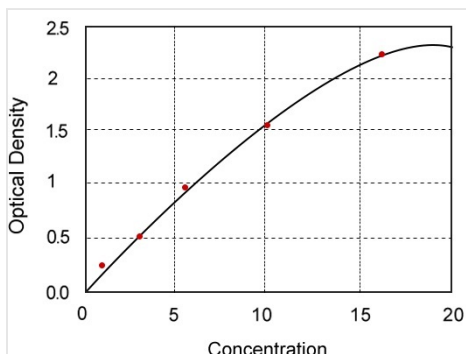
PRODUCT SYNONYMS

Natriuretic peptides B (NPPB); Rat Natriuretic peptides B (NPPB) ELISA Kit; NPPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	134
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 400ng/L
Sensitivity	2.27ng/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 NPPB elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860; Q6FGY0; Q9P2Q7; B0ZBE9
Molecular Weight	14,726 Da
NCBI Official Full Name	natriuretic peptides B preproprotein
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://stage.aaabiotech.com/rat-elisa-kits/natriuretic-peptides-b-nppb/121291>