

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

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CATALOG #
AAA43122

REACTIVITY
Human

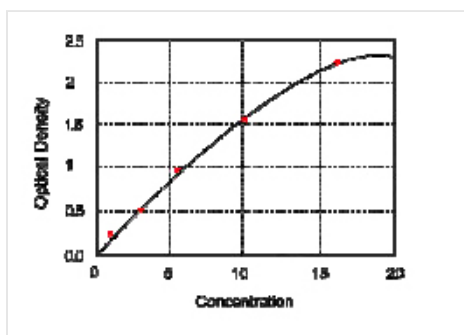
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-20ng/ml
Sensitivity	0.026ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Human Bone-specific Alkaline Phosphatase (also known as BAP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human BAP antibody. BAP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human BAP Antibody is added and binds to BAP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BAP 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 Human BAP. 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/human-elisa-kits/brain-natriuretic-peptide-bnp/43122>