

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

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CATALOG #
AAA80600

REACTIVITY
Human

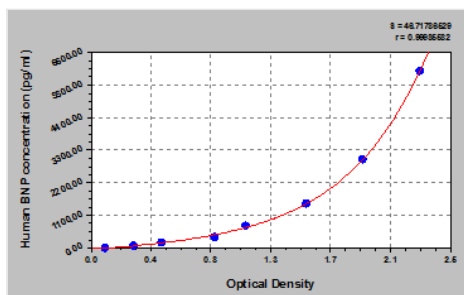
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human BNP. No significant cross-reactivity or interference between human BNP and analogues was observed.
Sequence Length	133
Assay Type	Quantitative Sandwich
Samples	Serum, urine, cell culture supernates, tissue homogenates
Detection Range	93.75 pg/ml-6000 pg/ml
Sensitivity	< 23.43 pg/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 BNP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BNP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BNP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BNP 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 BNP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74096009
NCBI GeneID	446068
NCBI Accession #	NP_001027860.1
NCBI GenBank Nucleotide #	NM_001032688.1
UniProt Accession #	Q805D7
Molecular Weight	14,746 Da
NCBI Official Full Name	brain natriuretic peptide
NCBI Official Symbol	nppb
NCBI Official Synonym Symbols	bnp
NCBI Protein Information	brain natriuretic peptide
UniProt Protein Name	Brain natriuretic peptide
UniProt Gene Name	nppb
UniProt Synonym Gene Names	bnp
UniProt Entry Name	ANFB_TAKRU

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.