

## Mouse brain natriuretic peptide, BNP ELISA Kit | BNP elisa kit

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CATALOG #  
**AAA42703**

REACTIVITY  
**Mouse**

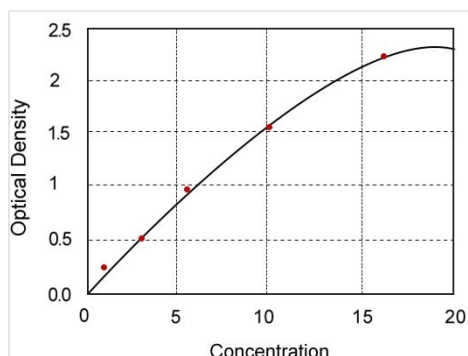
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                    |
| Sequence Length         | 1                                                                        |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 1ng/L - 400ng/L                                                          |
| Sensitivity             | 0.51ng/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 Mouse 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 Mouse BNP antibody. BNP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse 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://stage.aaabiotech.com/mouse-elisa-kits/brain-natriuretic-peptide-bnp/42703>