Human BTG3 Associated Nuclear Protein (BANP) ELISA Kit | BANP elisa kit

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CATALOG #	REACTIVITY
AAA66050	**Human**

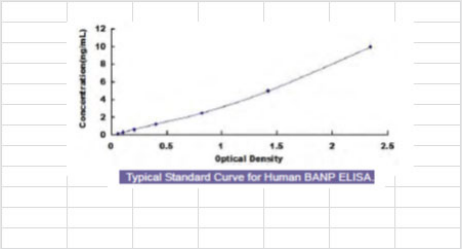
PRODUCT SYNONYMS

BTG3 Associated Nuclear Protein (BANP); Human BTG3 Associated Nuclear Protein (BANP) ELISA Kit; SMAR1; SMARBP1; BEND1; BEN Domain Containing 1; Scaffold/matrix-associated region-1-binding protein; BANP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BANP. No significant cross-reactivity or interference between BANP and analogues was observed.
Sequence Length	505
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BANP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level BANP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BANP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BANP in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BANP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BANP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain BANP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of BANP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291084791
NCBI GeneID	54971
NCBI Accession #	NP_001167010.1
NCBI GenBank Nucleotide #	NM_001173539.1
UniProt Accession #	Q8N9N5; Q96GJ7; Q9NWY1; A8MU25; A8MX25; B2RCF7; B4DNJ9; F5GZM0
Molecular Weight	55,502 Da
NCBI Official Full Name	protein BANP isoform c
NCBI Official Synonym Full Names	BTG3 associated nuclear protein
NCBI Official Symbol	BANP
NCBI Official Synonym Symbols	BEND1; SMAR1; SMARBP1
NCBI Protein Information	protein BANP
UniProt Protein Name	Protein BANP
UniProt Gene Name	**BANP**
UniProt Synonym Gene Names	BEND1; SMAR1

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/human-elisa-kits/btg3-associated-nuclear-protein-banp/66050