

Mouse Brain Finger Protein (BFP) ELISA Kit | BFP elisa kit

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CATALOG #
AAA63408

REACTIVITY
Mouse

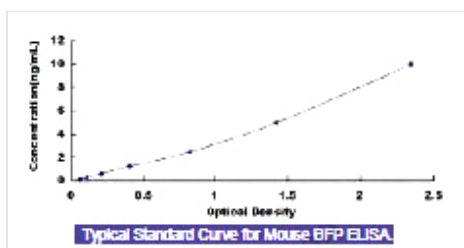
PRODUCT SYNONYMS

Brain Finger Protein (BFP); Mouse Brain Finger Protein (BFP) ELISA Kit; RNF179; RNF112; Ring Finger Protein 179; Ring Finger Protein 112; BFP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BFP. No significant cross-reactivity or interference between BFP and analogues was observed.
Sequence Length	631
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BFP 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 BFP 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 BFP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BFP in mouse 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 BFP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BFP. 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 BFP, 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 BFP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	597518007
NCBI GeneID	22671
NCBI Accession #	NP_001277953.1
NCBI GenBank Nucleotide #	NM_001291024.1
UniProt Accession #	Q96DY5; Q3TNS6; Q5NCN2; Q8JZT5; Q9Z328
Molecular Weight	74,115 Da
NCBI Official Full Name	RING finger protein 112 isoform 2
NCBI Official Synonym Full Names	ring finger protein 112
NCBI Official Symbol	Rnf112
NCBI Official Synonym Symbols	bfp; ZNF179; Zfp179; neurolastin
NCBI Protein Information	RING finger protein 112
UniProt Protein Name	RING finger protein 112
UniProt Gene Name	Rnf112
UniProt Synonym Gene Names	Bfp; Znf179

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-finger-protein-bfp/63408>