

Mouse BPI (Bactericidal permeability-increasing protein) ELISA Kit | BPI elisa kit

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CATALOG #
AAA250809

REACTIVITY
Mouse

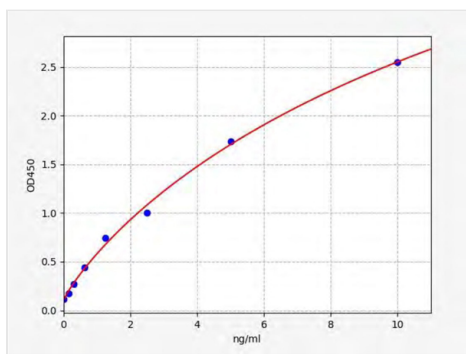
PRODUCT SYNONYMS

BPI (Bactericidal permeability-increasing protein); Mouse BPI (Bactericidal permeability-increasing protein) ELISA Kit; BPI; Bactericidal permeability-increasing protein; BPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize BPI, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BPI elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti BPI antibody was precoated onto the 96-well plate. The biotin conjugated anti BPI antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with BPI conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of BPI in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29244434
NCBI GeneID	329547
NCBI Accession #	NP_808518.1
NCBI GenBank Nucleotide #	NM_177850.3
UniProt Accession #	Q67E05; Q5I5I4; Q8BSF3; A2AC63
Molecular Weight	54,352 Da
NCBI Official Full Name	bactericidal permeability-increasing protein
NCBI Official Synonym Full Names	bactericidal permeability increasing protein
NCBI Official Symbol	Bpi
NCBI Official Synonym Symbols	Bpifd1; 9230105K17Rik
NCBI Protein Information	bactericidal permeability-increasing protein
UniProt Protein Name	Bactericidal permeability-increasing protein
UniProt Gene Name	Bpi
UniProt Synonym Gene Names	BPI

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.