

Rat Bactericidal permeability-increasing protein, BPI ELISA Kit | BPI elisa kit

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CATALOG #
AAA43653

REACTIVITY
Rat

PRODUCT SYNONYMS

Bactericidal permeability-increasing protein; BPI; Rat Bactericidal permeability-increasing protein; BPI ELISA Kit; BPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	482
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L - 600ng/L
Sensitivity	1.13ng/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 BPI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Bactericidal Permeability-Increasing Protein (also known as BPI) 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 Rat BPI antibody. BPI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat BPI Antibody is added and binds to BPI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BPI 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 Rat BPI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806919
NCBI GeneID	280734
NCBI Accession #	NP_776320.1
NCBI GenBank Nucleotide #	NM_173895.2
UniProt Accession #	P17453; Q3T0P4
Molecular Weight	53,442 Da
NCBI Official Full Name	bactericidal permeability-increasing protein
NCBI Official Symbol	BPI
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/bactericidal-permeability-increasing-protein-bpi/43653>