

Human bactericidal/permeability-increasing protein ELISA Kit | BPI elisa kit

Human bactericidal/permeabilityincreasingprotein, BPI ELISA Kit

CATALOG #
AAA79442

REACTIVITY
Human

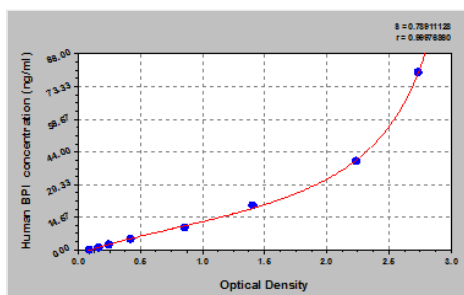
PRODUCT SYNONYMS

bactericidal/permeability-increasing protein; Human bactericidal/permeabilityincreasingprotein; BPI ELISA Kit; RP13-218F6_A.1; ; BPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human BPI. No significant cross-reactivity or interference between Human BPI and analogues was observed.
Sequence Length	487
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	0.31 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BPI elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BPI has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BPI present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BPI is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BPI bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157276599
NCBI GeneID	671
NCBI Accession #	NP_001716.2
NCBI GenBank Nucleotide #	NM_001725.2
UniProt Accession #	P17213; Q1ZZU8; Q5JRW0; Q8IW58; Q9BYZ9; Q9H1L2; Q9H1M8; Q9H203; Q9UCT4; Q9UD65; B2RCY2
Molecular Weight	53,900 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	rBPI; BPIFD1
NCBI Protein Information	bactericidal permeability-increasing protein; CAP 57; recombinant BPI holoprotein, rBPI; BPI fold containing family D, member 1
UniProt Protein Name	Bactericidal permeability-increasing protein
UniProt Gene Name	BPI
UniProt Synonym Gene Names	BPI
UniProt Entry Name	BPI_HUMAN

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://www.aaabiotech.com/bpi-human-elisa-kits/bactericidal-permeability-increasing-protein/79442>