

Human BPI (Bactericidal/Permeability Increasing Protein) CLIA Kit | BPI clia kit

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CATALOG #
AAA171201

REACTIVITY
Human

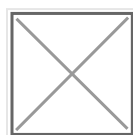
PRODUCT SYNONYMS

BPI (Bactericidal/Permeability Increasing Protein); Human BPI (Bactericidal/Permeability Increasing Protein) CLIA Kit; BPI clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant BPI. No significant cross-reactivity or interference between BPI and analogues was observed.
Sequence Length	250
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BPI clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of BPI concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to BPI. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for BPI and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain BPI, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of BPI. You can calculate the concentration of BPI in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	471241
Molecular Weight	27,548 Da
NCBI Official Full Name	Bactericidal /Permeability Increasing Protein
UniProt Protein Name	Bactericidal /Permeability Increasing Protein

UniProt Gene Name	BPI'
UniProt Entry Name	A2NX48_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://stage.aaabiotech.com/human-clia-kits/bpi-bactericidal-permeability-increasing-protein/171201>