Mouse Anti-Bacyericidal permeability increasing protein antibody ELISA Kit | Bpi-Ab elisa kit

Mouse Anti-Bacyericidal permeability increasing protein antibody ELISA Kit

CATALOG #	REACTIVITY
AAA86552	**Mouse**

PRODUCT SYNONYMS

Anti-Bacyericidal permeability increasing protein antibody; Mouse Anti-Bacyericidal permeability increasing protein antibody ELISA Kit; Bpi-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100 U/mL
Sensitivity	1.0u/mL
Intended Uses	This Anti-Bpi ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Anti-Bpi. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bpi-Ab elisa kit	**Principle of the assay:** Anti-Bpi ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Anti-Bpi antibody and an Anti-Bpi-HRP conjugate. The assay sample and buffer are incubated together with Anti-Bpi-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Anti-Bpi concentration since Anti-Bpi from samples and Anti-Bpi-HRP conjugate compete for the anti-Anti-Bpi antibody binding site. Since the number of sites is limited, as more sites are occupied by Anti-Bpi from the sample, fewer sites are left to bind Anti-Bpi-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-Bpi concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Bpi-Ab elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806919

NCBI GeneID	280734
NCBI Accession #	NP_776320.1
NCBI GenBank Nucleotide #	NM_173895.2
Molecular Weight	53,442 Da
NCBI Official Full Name	bactericidal permeability-increasing protein
NCBI Official Synonym Full Names	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
UniProt Entry Name	BPI_BOVIN

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/bpi-ab-mouse-elisa-kits/anti-bacyericidal-permeability-increasing-protein-antibody/86552