

# Human Anti Bacyericidal permeability increasing protein antibody ELISA Kit | Bpi Ab elisa kit

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|                              |                            |
|------------------------------|----------------------------|
| CATALOG #<br><b>AAA87378</b> | REACTIVITY<br><b>Human</b> |
|------------------------------|----------------------------|

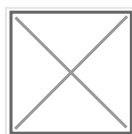
## PRODUCT SYNONYMS

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

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                 |
| Assay Type              | Competitive or Sandwich                                                                                                                                                                    |
| Detection Range         | 5.0-100 U/mL                                                                                                                                                                               |
| Sensitivity             | 1.0u/mL                                                                                                                                                                                    |
| Intended Uses           | This Bpi-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Bpi-Ab. 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 | <p><b>Principle of the Assay:</b> Bpi-Ab ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Bpi-Ab. Standards or samples are then added to the microtiter plate wells and Bpi-Ab if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Bpi-Ab present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for Bpi-Ab are added to each well to "sandwich" the Bpi-Ab immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Bpi-Ab and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Bpi-Ab concentration in each sample is interpolated from this standard curve.</p> |
| 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                | <b>BPI</b>                                   |
| 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-human-elisa-kits/anti-bacyericidal-permeability-increasing-protein-antibody/87378>