

Human Bullous Pemphigoid ELISA Kit | BP elisa kit

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CATALOG #
AAA86121

REACTIVITY
Human

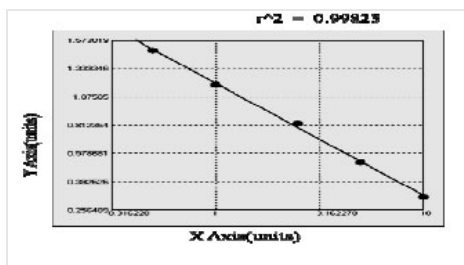
PRODUCT SYNONYMS

Bullous Pemphigoid; Human Bullous Pemphigoid ELISA Kit; Bullous Pemphigoid (Human); BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BP elisa kit

Intended Uses: This BPP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BPP. This ELISA kit for research use only!

Principle of the Assay: BPP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BPP antibody and an BPP-HRP conjugate. The assay sample and buffer are incubated together with BPP-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 BPP concentration since BPP from samples and BPP-HRP conjugate compete for the anti-BPP antibody binding site. Since the number of sites is limited, as more sites are occupied by BPP from the sample, fewer sites are left to bind BPP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BPP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BP elisa kit

Human ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577049
NCBI GeneID	667
NCBI Accession #	NP_056363.2
NCBI GenBank Nucleotide #	NM_015548.4
UniProt Accession #	Q03001; O94833; Q12825; Q13266; Q13267; Q13775; Q5TBT0; Q5TBT2; Q5TF23; Q5TF24; Q8N1T8; B7Z3H1
Molecular Weight	860,662 Da
NCBI Official Full Name	bullous pemphigoid antigen 1 isoform 1eA
NCBI Official Synonym Full Names	dystonin
NCBI Official Symbol	DST
NCBI Official Synonym Symbols	DT; BPA; DMH; BP240; BPAG1; HSAN6; MACF2; CATX15; CATX-15; D6S1101
NCBI Protein Information	bullous pemphigoid antigen 1; trabeculin-beta; dystonia musculorum protein; hemidesmosomal plaque protein; bullous pemphigoid antigen 1, 230/240kDa
UniProt Protein Name	Dystonin
UniProt Gene Name	DST
UniProt Synonym Gene Names	BP230; BP240; BPAG1; DMH; DT; KIAA0728; BPA
UniProt Entry Name	DYST_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/bp-human-elisa-kits/bullous-pemhpigoid/86121>