

Mouse Bullous Pemphigoid ELISA Kit | BP elisa kit

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CATALOG #
AAA82677

REACTIVITY
Mouse

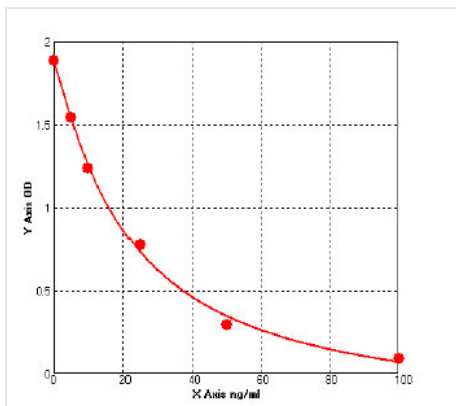
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BPP. No significant cross-reactivity or interference between BPP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BPP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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	Principle of the Assay: BPP ELISA kit applies the competitive enzyme immunoassay technique utilizing an 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. Intended Uses: This BPP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BPP. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for BP elisa kit	Mouse 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bp-mouse-elisa-kits/bullous-pemhpigoid/82677>