

Human BPAG1 (Dystonin) ELISA Kit | BPAG1 elisa kit

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CATALOG #
AAA277868

REACTIVITY
Human

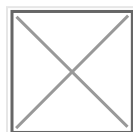
PRODUCT SYNONYMS

BPAG1 (Dystonin); Human BPAG1 (Dystonin) ELISA Kit; 230 kDa bullous pemphigoid antigen; 230/240 kDa bullous pemphigoid antigen; Bullous pemphigoid antigen 1; BPA; Bullous pemphigoid antigen; Dystonia musculorum protein; Hemidesmosomal plaque protein; DST; BPAG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human BPAG1. No significant cross-reactivity or interference between Human BPAG1 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.068 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BPAG1 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human BPAG1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human BPAG1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human BPAG1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Human BPAG1 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	294862529
NCBI GeneID	667
UniProt Accession #	Q03001; O94833; Q12825; Q13266; Q13267; Q13775; Q5TBT0; Q5TBT2; Q5TF23; Q5TF24; Q8N1T8; B7Z3H1

Molecular Weight	7570
NCBI Official Full Name	Dystonin
NCBI Official Synonym Full Names	dystonin
NCBI Official Symbol	DST
NCBI Official Synonym Symbols	DT; BPA; DMH; BP240; BPAG1; EBSB2; HSAN6; MACF2; CATX15; CATX-15; D6S1101
NCBI Protein Information	dystonin; trabeculin-beta; dystonia musculorum protein; bullous pemphigoid antigen 1; hemidesmosomal plaque protein
UniProt Protein Name	Dystonin
UniProt Gene Name	DST
UniProt Synonym Gene Names	BP230; BP240; BPAG1; DMH; DT; KIAA0728; BPA; Bullous pemphigoid antigen
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/human-elisa-kits/bpag1-dystonin/277868>