

Rat Anti-bullous pemphigoid 180 antibody ELISA Kit | BP180-Ab elisa kit

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CATALOG #
AAA86930

REACTIVITY
Rat

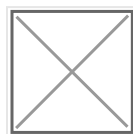
PRODUCT SYNONYMS

Anti-bullous pemphigoid 180 antibody; Rat Anti-bullous pemphigoid 180 antibody ELISA Kit; BP180-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BP180-Ab elisa kit

Intended Uses: This anti-ascaris lumbricoides antibody (IgM) ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human anti-ascaris lumbricoides antibody (IgM). This ELISA kit for research use only!

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

Product Categories/Family for BP180-Ab elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1877435
NCBI GeneID	1308
Molecular Weight	142,344 Da
NCBI Official Full Name	180 kDa bullous pemphigoid antigen 2/type XVII collagen
NCBI Official Synonym Full Names	collagen, type XVII, alpha 1
NCBI Official Symbol	COL17A1
NCBI Official Synonym Symbols	BP180; BPA-2; BPAG2; LAD-1; BA16H23.2
NCBI Protein Information	collagen alpha-1(XVII) chain; collagen alpha-1(XVII) chain; alpha 1 type XVII collagen; type XVII collagen alpha-1; collagen XVII, alpha-1 polypeptide; 180 kDa bullous pemphigoid antigen 2; bullous pemphigoid antigen 2 (180kD); bA16H23.2 (collagen, type XVII, alpha 1 (BP180))
UniProt Protein Name	Collagen alpha-1(XVII) chain
UniProt Gene Name	COL17A1
UniProt Synonym Gene Names	BP180; BPAG2; LAD-1; 97 kDa LAD antigen; 97-LAD; LABD97
UniProt Entry Name	COHA1_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/bp180-ab-rat-elisa-kits/anti-bullous-pemphigoid-180-antibody/86930>