

Human anti-Bullous Pemphigoid 230 antibody ELISA Kit | anti-BP230-Ab elisa kit

Human anti-Bullous Pemphigoid 230 antibody

CATALOG #
AAA247886

REACTIVITY
Human

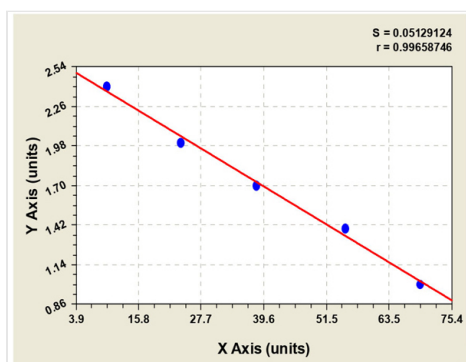
PRODUCT SYNONYMS

anti-Bullous Pemphigoid 230 antibody; Human anti-Bullous Pemphigoid 230 antibody; anti-BP230-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BP230-Ab. No significant cross-reactivity or interference between BP230-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BP230-Ab 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
Cross Reaction	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Reproducibility	Intra-Assay: CV<10% Inter-Assay: CV<15%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for anti-BP230-Ab elisa kit	Principle of the Assay: BP230-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a BP230 antigen and an BP230-Ab-HRP conjugate. The assay sample and buffer are incubated together with BP230-Ab-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 BP230-Ab concentration since BP230-Ab from samples and BP230-Ab-HRP conjugate compete for the BP230 antigen binding site. Since the number of sites is limited, as more sites are occupied by BP230-Ab from the sample, fewer sites are left to bind BP230-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BP230-Ab concentration in each sample is interpolated from this standard curve. Intended Uses: This BP230-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BP230-Ab. This ELISA kit for research use only, not for therapeutic or test applications!
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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/anti-bp230-ab-human-elisa-kits/anti-bullous-pemphigoid-230-antibody/247886>