

Human Proteinase 3 antineutrophil cytoplasmic antibody ELISA Kit | PR3 ANCA elisa kit

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CATALOG #
AAA83054

REACTIVITY
Human

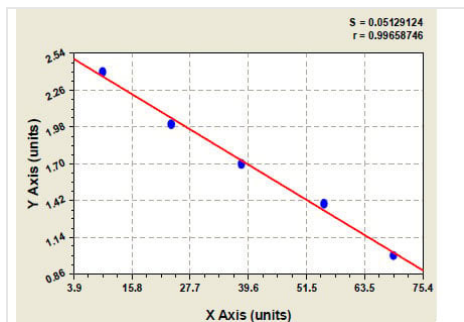
PRODUCT SYNONYMS

Proteinase 3 antineutrophil cytoplasmic antibody; Human Proteinase 3 antineutrophil cytoplasmic antibody ELISA Kit; PR3 ANCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PR3-ANCA-Ab. No significant cross-reactivity or interference between PR3-ANCA-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PR3-ANCA-Ab and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 PR3 ANCA elisa kit	Intended Uses: This PR3-ANCA-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PR3-ANCA-Ab. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PR3-ANCA-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a PR3-ANCA antigen and an PR3-ANCA-Ab-HRP conjugate. The assay sample and buffer are incubated together with PR3-ANCA-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 PR3-ANCA-Ab concentration since PR3-ANCA-Ab from samples and PR3-ANCA-Ab-HRP conjugate compete for the PR3-ANCA antigen binding site. Since the number of sites is limited, as more sites are occupied by PR3-ANCA-Ab from the sample, fewer sites are left to bind PR3-ANCA-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PR3-ANCA-Ab concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PR3 ANCA elisa kit	Immunology

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/pr3-anca-human-elisa-kits/proteinase-3-antineutrophil-cytoplasmic-antibody/83054>