

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

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CATALOG #
AAA96513

REACTIVITY
Bovine

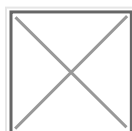
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This PR3-ANCA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine PR3-ANCA. This ELISA kit for research use only, not for therapeutic applications
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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

Principle of the Assay: PR3-ANCA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PR3-ANCA antibody and an PR3-ANCA-HRP conjugate. The assay sample and buffer are incubated together with PR3-ANCA-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 concentration since PR3-ANCA from samples and PR3-ANCA-HRP conjugate compete for the anti-PR3-ANCA antibody binding site. Since the number of sites is limited, as more sites are occupied by PR3-ANCA from the sample, fewer sites are left to bind PR3-ANCA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PR3-ANCA 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.