Canine Perinuclear anti-neutrophil cytoplasmic antibody ELISA Kit | pANCA elisa kit

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CATALOG #	REACTIVITY
AAA96898	**Canine**

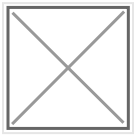
PRODUCT SYNONYMS

Perinuclear anti-neutrophil cytoplasmic antibody; Canine Perinuclear anti-neutrophil cytoplasmic antibody ELISA Kit; pANCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for pANCA elisa kit	Intended Uses: This pANCA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine pANCA. This ELISA kit for research use only! Principle of the Assay: pANCA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-pANCA antibody and an pANCA-HRP conjugate. The assay sample and buffer are incubated together with pANCA-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 pANCA concentration since pANCA from samples and pANCA-HRP conjugate compete for the anti-pANCA antibody binding site. Since the number of sites is limited, as more sites are occupied by pANCA from the sample, fewer sites are left to bind pANCA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The pANCA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for pANCA elisa kit	Signal Transduction

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/panca-canine-elisa-kits/perinuclear-anti-neutrophil-cytoplasmic-antibody/96898