

Canine a1-Acid glycoprotein ELISA Kit | A1-AGP elisa kit

Canine a1-Acid glycoprotein ELISA Kit

CATALOG #
AAA88357

REACTIVITY
Canine

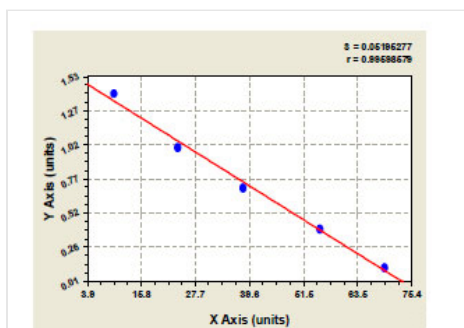
PRODUCT SYNONYMS

a1-Acid glycoprotein; Canine a1-Acid glycoprotein ELISA Kit; A1-AGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for A1-AGP elisa kit

Intended Uses||This alpha1AGp ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine alpha1AGp. This ELISA kit for research use only!

Principle of the Assay: alpha1AGp ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-alpha1AGp antibody and an alpha1AGp-HRP conjugate. The assay sample and buffer are incubated together with alpha1AGp-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 alpha1AGp concentration since alpha1AGp from samples and alpha1AGp-HRP conjugate compete for the anti-alpha1AGp antibody binding site. Since the number of sites is limited, as more sites are occupied by alpha1AGp from the sample, fewer sites are left to bind alpha1AGp-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha1AGp concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1209502
Molecular Weight	2,843 Da
NCBI Official Full Name	alpha-1-acid glycoprotein-2, partial
UniProt Protein Name	Alpha-1-acid glycoprotein-2
UniProt Entry Name	Q60839_MOUSE

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/a1-agp-canine-elisa-kits/a1-acid-glycoprotein/88357>