

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

Porcine a1-Acid glycoprotein ELISA Kit

CATALOG #
AAA90945

REACTIVITY
Porcine

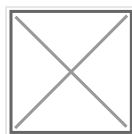
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

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 Porcine alpha1AGP. This ELISA kit for research use only!

Principle of the Assay: alpha1AGP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for alpha1AGP. Standards or samples are then added to the microtiter plate wells and alpha1AGP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of alpha1AGP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for alpha1AGP are added to each well to "sandwich" the alpha1AGP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain alpha1AGP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

Product Categories/Family for A1-AGP elisa kit

[Immunology](#)

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-porcine-elisa-kits/a1-acid-glycoprotein/90945>