

Chicken α 1-Acid glycoprotein ELISA Kit | A1-AGP elisa kit

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CATALOG #
AAA91012

REACTIVITY
Chicken

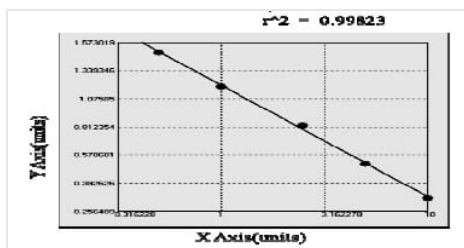
PRODUCT SYNONYMS

α 1-Acid glycoprotein; Chicken α 1-Acid glycoprotein ELISA Kit; A1-AGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of alpha 1AGP. No significant cross-reactivity or interference between alpha 1AGP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between alpha 1AGP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 mg/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

Principle of the Assay: alpha 1AGP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-alpha 1AGP antibody and an alpha 1AGP-HRP conjugate. The assay sample and buffer are incubated together with alpha 1AGP-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 alpha 1AGP concentration since alpha 1AGP from samples and alpha 1AGP-HRP conjugate compete for the anti-alpha 1AGP antibody binding site. Since the number of sites is limited, as more sites are occupied by alpha 1AGP from the sample, fewer sites are left to bind alpha 1AGP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha 1AGP concentration in each sample is interpolated from this standard curve.

Intended Uses: This alpha 1AGP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken alpha 1AGP. This ELISA kit for research use only, not for therapeutic or test applications!

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-chicken-elisa-kits/a1-acid-glycoprotein/91012>