

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

Bovine a1-Acid glycoprotein ELISA Kit

CATALOG #
AAA88569

REACTIVITY
Bovine

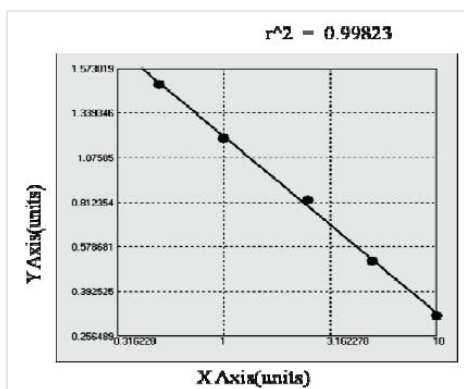
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 mg/ml.
Intended Uses	This a1AGP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine a1AGP. This ELISA kit for research use only, not for therapeutic applications!
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: a1AGP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-a1AGP antibody and ana1AGP-HRP conjugate. The assay sample and buffer are incubated together with a1AGP-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 a1AGP concentration since a1AGP from samples and a1AGP-HRP conjugate compete for the anti-a1AGP antibody binding site. Since the number of sites is limited, as more sites are occupied by a1AGP from the sample, fewer sites are left to bind a1AGP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The a1AGP 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-bovine-ovine-elisa-kits/a1-acid-glycoprotein/88569>