

Rat alpha1-AGP ELISA Kit | alpha1-AGP elisa kit

Rat alpha1-AGP (alpha1-Acid Glycoprotein) ELISA Kit

CATALOG #
AAA163551

REACTIVITY
Rat

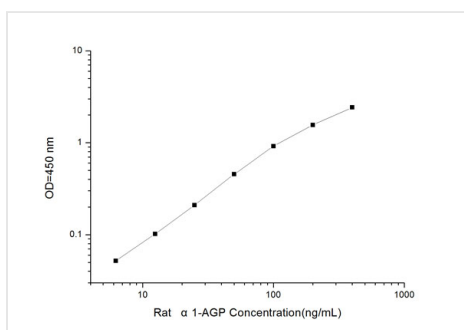
PRODUCT SYNONYMS

alpha1-AGP; Rat alpha1-AGP (alpha1-Acid Glycoprotein) ELISA Kit; alpha1-AGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat alpha1-AGP. No significant cross-reactivity or interference between Rat alpha1-AGP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat alpha1-AGP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	201
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	6.25-400ng/mL
Sensitivity	Min: 3.75ng/mL; Max: 400ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha1-AGP elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of alpha1-AGP in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat alpha1-AGP. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat alpha1-AGP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat alpha1-AGP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat alpha1-AGP. You can calculate the concentration of Rat alpha1-AGP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505529
NCBI GeneID	5005
NCBI Accession #	NP_000599.1
NCBI GenBank Nucleotide #	NM_000608.2
Molecular Weight	23,603 Da
NCBI Official Full Name	alpha-1-acid glycoprotein 2
NCBI Official Synonym Full Names	orosomucoid 2
NCBI Official Symbol	ORM2
NCBI Official Synonym Symbols	AGP2; AGP-B; AGP-B'
NCBI Protein Information	alpha-1-acid glycoprotein 2; AGP 2; OMD 2; alpha-1-acid glycoprotein, type 2; orosomucoid-2
UniProt Protein Name	Alpha-1-acid glycoprotein 2
UniProt Gene Name	ORM2
UniProt Synonym Gene Names	AGP2; AGP 2; OMD 2
UniProt Entry Name	A1AG2_HUMAN

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/rat-elisa-kits/alpha1-agp/163551>