

Human Alpha-1-Acid Glycoprotein (alpha1-AGP) ELISA Kit | alpha1-AGP elisa kit

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CATALOG #
AAA54337

REACTIVITY
Human

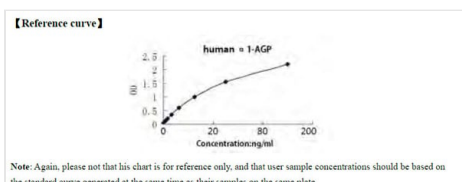
PRODUCT SYNONYMS

Alpha-1-Acid Glycoprotein (alpha1-AGP); Human Alpha-1-Acid Glycoprotein (alpha1-AGP) ELISA Kit; Human Alpha-1-Acid Glycoprotein (a1-AGP) ELISA Kit; alpha1-AGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	201
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	200ng/mL-3.12ng/mL
Sensitivity	Up to 0.6ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha1-AGP elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human alpha1-AGP monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	178257
Molecular Weight	23,512 Da

NCBI Official Full Name	alpha-1 acid glycoprotein
UniProt Protein Name	Alpha-1-acid glycoprotein 1
UniProt Gene Name	ORM1
UniProt Synonym Gene Names	AGP1; AGP 1; OMD 1
UniProt Entry Name	A1AG1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/alpha-1-acid-glycoprotein-alpha1-agp/54337>