

Human AGP1/alpha 1 ELISA Kit | ORM1 elisa kit

Human AGP1/alpha 1 acid glycoprotein PicoKine ELISA Kit

CATALOG #
AAA46674

REACTIVITY
Human

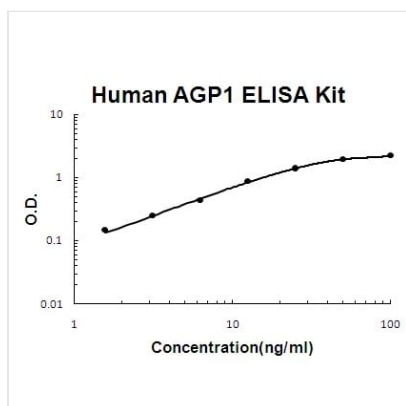
PRODUCT SYNONYMS

AGP1/alpha 1; Human AGP1/alpha 1 acid glycoprotein PicoKine ELISA Kit; AGP 1; AGP1; AGP-1; AGP A; AGPA; AGP; OMD 1; ORM; ORM1; Orosomucoid 1; Orosomucoid-1; P02763; Alpha-1-acid glycoprotein 1; orosomucoid 1; ORM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human AGP1/alpha 1 acid glycoprotein
Sequence Length	201
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	1.56ng/ml-100ng/ml
Sensitivity	<150pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Human AGP1/alpha 1 acid glycoprotein PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for ORM1 elisa kit	Principle of the Assay: Human AGP1/alpha 1 acid glycoprotein ELISA Kit was based on standard sandwich enzymelinked immune-sorbent assay technology. A monoclonal antibody from mouse specific for AGP1/alpha 1 acid glycoprotein has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: Q19-S201) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for AGP1/alpha 1 acid glycoprotein is added subsequently and then followed by washing with PBS or TBS buffer. Avidin- Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human AGP1/alpha 1 acid glycoprotein amount of sample captured in plate. Background/Introduction: Alpha-1-acid glycoprotein, or orosomucoid, is a relatively abundant plasma protein synthesized in the liver. It has a molecular weith of 40,000 Da and is a single polypeptide chain of about 180 amino acids. AGP is considered an acute phase reactant; its plasma levels increase several fold during acute infections. It belongs to the lipocalin family and binds numerous basic and neutral lipophilic drugs and steroid hormones. And this gene is located in 9q34.3-qter.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167857790
NCBI GeneID	5004
NCBI Accession #	NP_000598.2
NCBI GenBank Nucleotide #	NM_000607.2
UniProt Accession #	P02763; Q5T539; Q5U067; Q8TC16; B7ZKQ5; AAB33887
Molecular Weight	23,512 Da
NCBI Official Full Name	alpha-1-acid glycoprotein 1
NCBI Official Synonym Full Names	orosomucoid 1
NCBI Official Symbol	ORM1
NCBI Official Synonym Symbols	ORM; AGP1; AGP-A; HEL-S-153w
NCBI Protein Information	alpha-1-acid glycoprotein 1
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/orm1-human-elisa-kits/agp1-alpha-1/46674>