

Human orosomucoid 1 ELISA Kit | ORM1 elisa kit

Human Alpha-1-acid glycoprotein 1, ORM1 ELISA Kit

CATALOG #
AAA112266

REACTIVITY
Human

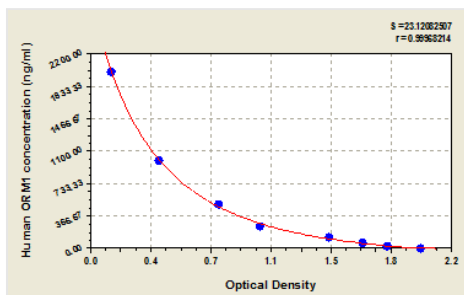
PRODUCT SYNONYMS

orosomucoid 1; Human Alpha-1-acid glycoprotein 1; ORM1 ELISA Kit; Human Alpha-1-acid glycoprotein 1 (ORM1) ELISA kit; AGP-A; AGP1; ORM; alpha-1-acid glycoprotein 1; ORM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ORM1. No significant cross-reactivity or interference between human ORM1 and analogues was observed.
Sequence Length	201
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	31.2 ng/ml-2000 ng/ml
Sensitivity	< 7.8ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<12%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ORM1 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with ORM1. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for ORM1. The competitive inhibition reaction is launched between with pre-coated ORM1 and ORM1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of ORM1 in the samples. The color development is stopped and the intensity of the color is measured.
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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	orosomuroid 1
NCBI Official Symbol	ORM1
NCBI Official Synonym Symbols	ORM; AGP1; AGP-A; HEL-S-153w
NCBI Protein Information	alpha-1-acid glycoprotein 1; AGP 1; OMD 1; orosomuroid-1; epididymis secretory sperm binding protein Li 153w
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.