

Mouse Orosomucoid 2 (ORM2) ELISA Kit | ORM2 elisa kit

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CATALOG #
AAA148581

REACTIVITY
Mouse

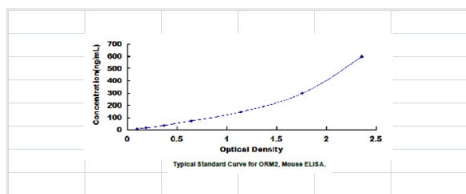
PRODUCT SYNONYMS

Orosomucoid 2 (ORM2); Mouse Orosomucoid 2 (ORM2) ELISA Kit; AGP-B; AGP2; Alpha-1-Acid Glycoprotein Type 2; ORM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ORM2. No significant cross-reactivity or interference between ORM2 and analogues was observed.
Sequence Length	207
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	9.4-600ng/mL
Sensitivity	3.7ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ORM2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ORM2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ORM2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ORM2 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ORM2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ORM2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ORM2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ORM2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ORM2 elisa kit	Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754950
NCBI GeneID	18406
NCBI Accession #	NP_035146.1
NCBI GenBank Nucleotide #	NM_011016.2
UniProt Accession #	P07361
Molecular Weight	23,843 Da
NCBI Official Full Name	alpha-1-acid glycoprotein 2
NCBI Official Synonym Full Names	orosomuroid 2
NCBI Official Symbol	Orm2
NCBI Official Synonym Symbols	Agp1; Orm-2
NCBI Protein Information	alpha-1-acid glycoprotein 2
UniProt Protein Name	Alpha-1-acid glycoprotein 2
UniProt Gene Name	Orm2
UniProt Synonym Gene Names	Agp-2; Orm-2; AGP 2; OMD 2

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.