

Mouse Uromodulin ELISA Kit | Umod elisa kit

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CATALOG #
AAA57336

REACTIVITY
Mouse

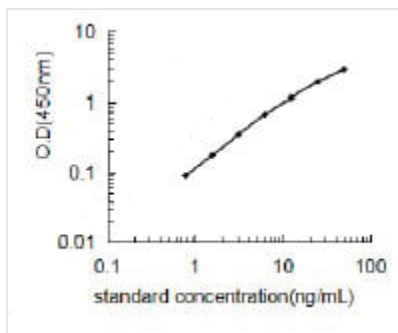
PRODUCT SYNONYMS

Uromodulin; Mouse Uromodulin ELISA Kit; Tamm-Horsfall urinary glycoprotein; THP; Umod; Umod elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Uromodulin
Sequence Length	642
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	<0.4 ng/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=8.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Umod elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	519666773
NCBI GeneID	22242
NCBI Accession #	NP_001265534.1
NCBI GenBank Nucleotide #	NM_001278605.1
UniProt Accession #	Q91X17; Q3TN64; Q3TP60; Q62285
Molecular Weight	70,845 Da
NCBI Official Full Name	uromodulin preproprotein
NCBI Official Synonym Full Names	uromodulin
NCBI Official Symbol	Umod
NCBI Official Synonym Symbols	THP; Urehd1; urehr4
NCBI Protein Information	uromodulin
UniProt Protein Name	Uromodulin
UniProt Gene Name	Umod
UniProt Synonym Gene Names	THP
UniProt Entry Name	UROM_MOUSE

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/umod-mouse-elisa-kits/uromodulin/57336>