

Mouse Uromodulin ELISA Kit | UMOD elisa kit

Mouse Uromodulin (UMOD) ELISA Kit

CATALOG # AAA55892	REACTIVITY Mouse
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PRODUCT SYNONYMS

Uromodulin; Mouse Uromodulin (UMOD) ELISA Kit; ADMCKD2; FJHN; HNFJ; HNFJ1; MCKD2; THGP; THP; Tamm-Horsfall glycoprotein[uromodulin (uromucoid; Tamm-Horsfall glycoprotein)]uromucoid; UMOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Human UBC. No significant cross-reactivity or interference between Human UBC and analogues was observed.
Sequence Length	640
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Sandwich
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	1 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for UMOD elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate UBC in Human serum, plasma. An antibody specific for UBC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UBC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBC is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of UBC bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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

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://www.aaabiotech.com/umod-mouse-elisa-kits/uromodulin/55892>