

Human uromodulin ELISA Kit | UMOD elisa kit

Human T-H glycoprotein, THP ELISA Kit

CATALOG #
AAA80292

REACTIVITY
Human

PRODUCT SYNONYMS

uromodulin; Human T-H glycoprotein; THP ELISA Kit; ADMCKD2; FJHN; HNFJ; HNFJ1; MCKD2; THGP; THP; Tamm-Horsfall glycoprotein; uromodulin (uromucoid; Tamm-Horsfall glycoprotein) ; uromucoid; UMOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human THP. No significant cross-reactivity or interference between human THP and analogues was observed.
Sequence Length	640
Samples	Serum, plasma, tissue homogenates, urine
Assay Type	Quantitative Sandwich
Detection Range	2.34 ng/ml-150 ng/ml
Sensitivity	<0.59 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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.

ADDITIONAL INFORMATION

Related Product Information for UMOD elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for THP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any THP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for THP is added to the wells. After washing, avidin 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 THP bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56550049
NCBI GeneID	7369
NCBI Accession #	NP_001008390.1
NCBI GenBank Nucleotide #	NM_001008389.2
UniProt Accession #	P07911; Q540J6; Q6ZS84; Q8IYG0; B3KP48; B3KRN9; E9PEA4

Molecular Weight	69,761 Da
NCBI Official Full Name	uromodulin isoform a preproprotein
NCBI Official Synonym Full Names	uromodulin
NCBI Official Symbol	UMOD
NCBI Official Synonym Symbols	THP; FJHN; HNFJ; THGP; HNFJ1; MCKD2; ADMCKD2
NCBI Protein Information	uromodulin; uromucoid; Tamm-Horsfall urinary glycoprotein
UniProt Protein Name	Uromodulin
UniProt Gene Name	UMOD
UniProt Synonym Gene Names	THP
UniProt Entry Name	UROM_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.

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Online datasheet: <https://www.aaabiotech.com/umod-human-elisa-kits/uromodulin/80292>