

Mouse Tamm Horsfall Protein ELISA Kit | THP elisa kit

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CATALOG #
AAA83587

REACTIVITY
Mouse

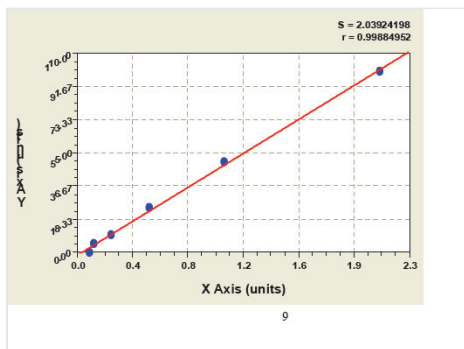
PRODUCT SYNONYMS

Tamm Horsfall Protein; Mouse Tamm Horsfall Protein ELISA Kit; THP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	5.0-100?g/mL
Sensitivity	1.0?g/mL
Intended Uses	This THP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse THP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for THP elisa kit

Principle of the Assay: THP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for THP. Standards or samples are then added to the microtiter plate wells and THP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of THP present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for THP are added to each well to "sandwich" the THP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain THP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The THP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	912817
Molecular Weight	71,062 Da
NCBI Official Full Name	Tamm-Horsfall protein
UniProt Protein Name	Uromodulin
UniProt Gene Name	Umod
UniProt Synonym Gene Names	THP
UniProt Entry Name	UROM_RAT

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/thp-mouse-elisa-kits/tamm-horsfall-protein/83587>