

Rat Tamm Horsfall Protein ELISA Kit | THP elisa kit

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CATALOG #
AAA86192

REACTIVITY
Rat

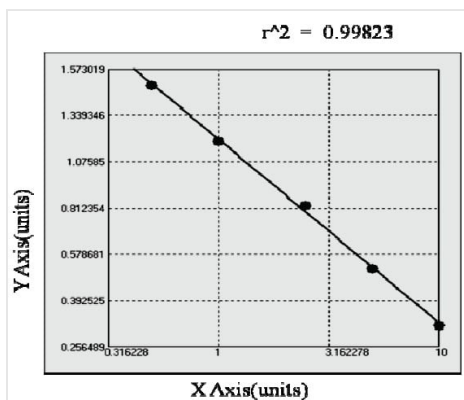
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ?g/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THP elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This THP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat THP. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY THP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-THP antibody and an THP-HRP conjugate. The assay sample and buffer are incubated together with THP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the THP concentration since THP from samples and THP-HRP conjugate compete for the anti-THP antibody binding site. Since the number of sites is limited, as more sites are occupied by THP from the sample, fewer sites are left to bind THP-HRP conjugate. 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.
Product Categories/Family for THP elisa kit	Rat ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	912817
NCBI Official Full Name	Tamm-Horsfall protein

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-rat-elisa-kits/tamm-horsfall-protein/86192>