

Human T H glycoprotein ELISA Kit | THP elisa kit

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CATALOG #
AAA87678

REACTIVITY
Human

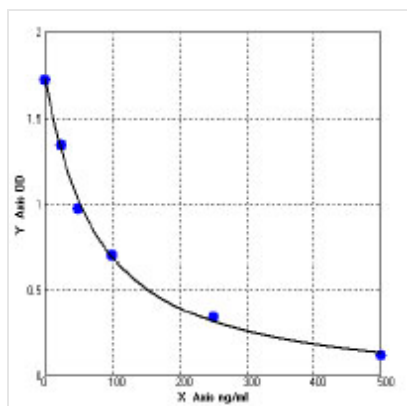
PRODUCT SYNONYMS

T H glycoprotein; Human T H glycoprotein ELISA Kit; THP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of THP. No significant cross-reactivity or interference between THP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between THP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/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	Intended Uses: This THP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human THP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: THP ELISA kit applies the competitive enzyme immunoassay technique utilizing an 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.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/thp-human-elisa-kits/t-h-glycoprotein/87678>