

Mouse Major urinary protein 1 ELISA Kit | MUP1 elisa kit

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CATALOG #
AAA88030

REACTIVITY
Mouse

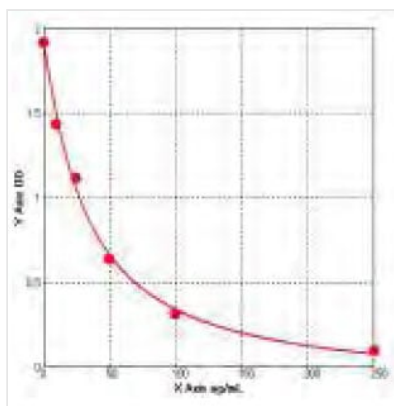
PRODUCT SYNONYMS

Major urinary protein 1; Mouse Major urinary protein 1 ELISA Kit; MUP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MUP1. No significant cross-reactivity or interference between MUP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MUP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ug/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MUP1 elisa kit	Principle of the Assay: MUP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MUP1 antibody and an MUP1-HRP conjugate. The assay sample and buffer are incubated together with MUP1-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 MUP1 concentration since MUP1 from samples and MUP1-HRP conjugate compete for the anti-MUP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MUP1 from the sample, fewer sites are left to bind MUP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MUP1 concentration in each sample is interpolated from this standard curve. Intended Uses: This MUP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MUP1. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	244792753
NCBI GeneID	17840
NCBI Accession #	NP_112465.2
NCBI GenBank Nucleotide #	NM_031188.2
NCBI Official Full Name	major urinary protein 1 isoform b

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/mup1-mouse-elisa-kits/major-urinary-protein-1/88030>