

Mouse Major urinary protein 20 ELISA Kit | Mup20 elisa kit

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CATALOG #
AAA56342

REACTIVITY
Mouse

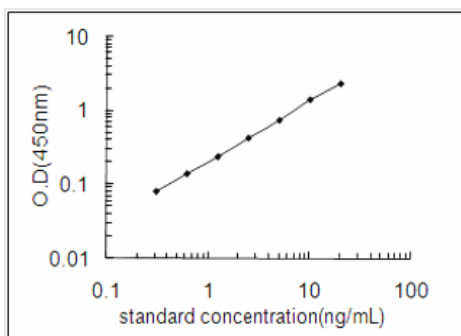
PRODUCT SYNONYMS

Major urinary protein 20; Mouse Major urinary protein 20 ELISA Kit; Mup20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse MUP20. No significant cross-reactivity or interference was observed.
Sequence Length	181
Assay Type	Competitive
Detection Range	0.312-20 ng/mL
Sensitivity	0.186 ng/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=9.9%
Recovery	103%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mup20 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to MUP20, During the reaction, MUP20 in the sample or standard competes with a fixed amount of biotin-labeled MUP20 for sites on a pre-coated Monoclonal antibody specific to MUP20. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MUP20 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59858561
NCBI GeneID	381530
NCBI Accession #	NP_001012323.1
NCBI GenBank Nucleotide #	NM_001012323.1
UniProt Accession #	Q5FW60
Molecular Weight	20,930 Da
NCBI Official Full Name	major urinary protein 20
NCBI Official Synonym Full Names	major urinary protein 20
NCBI Official Symbol	Mup20
NCBI Official Synonym Symbols	Mup24; darcin; Gm12560; OTTMUSG00000007485
NCBI Protein Information	major urinary protein 20
UniProt Protein Name	Major urinary protein 20
UniProt Gene Name	Mup20
UniProt Entry Name	MUP20_MOUSE

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/mup20-mouse-elisa-kits/major-urinary-protein-20/56342>