

Mouse Uridine Phosphorylase 1 (UPP1) ELISA Kit | UPP1 elisa kit

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CATALOG #
AAA247236

REACTIVITY
Mouse

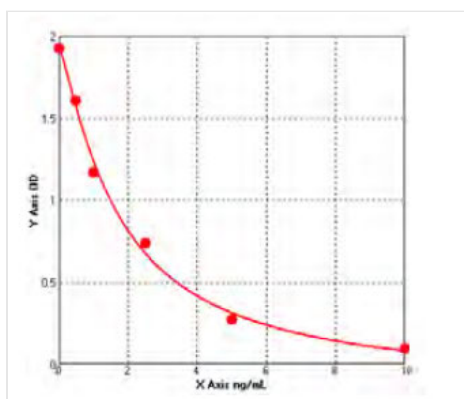
PRODUCT SYNONYMS

Uridine Phosphorylase 1 (UPP1); Mouse Uridine Phosphorylase 1 (UPP1) ELISA Kit; UPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of UPP1. No significant cross-reactivity or interference between UPP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between UPP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	311
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UPP1 elisa kit	Principle of the Assay: UPP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-UPP1 antibody and an UPP1-HRP conjugate. The assay sample and buffer are incubated together with UPP1-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 UPP1 concentration since UPP1 from samples and UPP1-HRP conjugate compete for the anti-UPP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by UPP1 from the sample, fewer sites are left to bind UPP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UPP1 concentration in each sample is interpolated from this standard curve. Intended Uses: This UPP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse UPP1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for UPP1 elisa kit	Epigenetics and Nuclear Signaling; Signal Transduction; Cancer; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	226874855
NCBI GeneID	22271
NCBI Accession #	NP_033503.2
NCBI GenBank Nucleotide #	NM_009477.3
UniProt Accession #	P52624; Q8JZX0
Molecular Weight	34,086 Da
NCBI Official Full Name	uridine phosphorylase 1
NCBI Official Synonym Full Names	uridine phosphorylase 1
NCBI Official Symbol	Upp1
NCBI Official Synonym Symbols	Up; Upp; UPase; UdRPase; AI325217
NCBI Protein Information	uridine phosphorylase 1
UniProt Protein Name	Uridine phosphorylase 1
UniProt Gene Name	Upp1
UniProt Synonym Gene Names	Up; Upp; UPase 1; UrdPase 1

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/mouse-elisa-kits/uridine-phosphorylase-1-upp1/247236>