

Human Uridine Phosphorylase 2 ELISA Kit | UPP2 elisa kit

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CATALOG #
AAA98024

REACTIVITY
Human

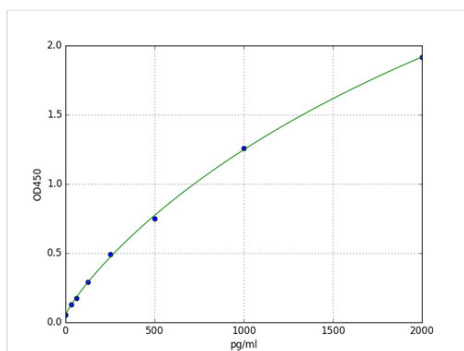
PRODUCT SYNONYMS

Uridine Phosphorylase 2; Human Uridine Phosphorylase 2 ELISA Kit; UPP2; UPP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	374
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human UPP2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.072	0.082	0.104	0.135	0.226	0.448	0.936	1.914

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UPP2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human UPP2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human UPP2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human UPP2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human UPP2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

205360941

NCBI GeneID	151531
NCBI Accession #	NP_001128570.1
NCBI GenBank Nucleotide #	NM_001135098.1
Molecular Weight	41,602 Da
NCBI Official Full Name	uridine phosphorylase 2 isoform b
NCBI Official Synonym Full Names	uridine phosphorylase 2
NCBI Official Symbol	UPP2
NCBI Official Synonym Symbols	UP2; UPASE2; UDRPASE2
NCBI Protein Information	uridine phosphorylase 2
UniProt Protein Name	Uridine phosphorylase 2
UniProt Gene Name	UPP2
UniProt Synonym Gene Names	UPase 2; UrdPase 2
UniProt Entry Name	UPP2_HUMAN

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/upp2-human-elisa-kits/uridine-phosphorylase-2/98024>