

Human Urokinase-Type Plasminogen Activator ELISA Kit | PLAU/uPA elisa kit

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CATALOG #
AAA101006

REACTIVITY
Human

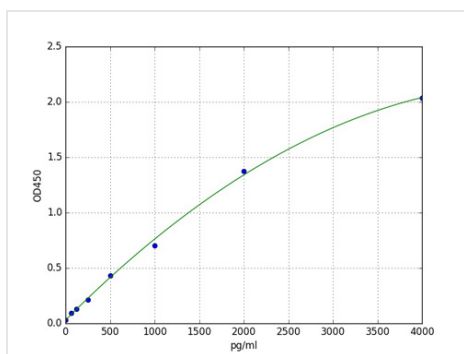
PRODUCT SYNONYMS

Urokinase-Type Plasminogen Activator; Human Urokinase-Type Plasminogen Activator ELISA Kit; uPA/PLAU/Urokinase/ATF/plasminogen activator; urokinase/UPA/u-PA/U-plasminogen activator/urinary/urokinase-type plasminogen activator; PLAU/uPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	345
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human uPA 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	62.5	125	250	500	1000	2000	4000
Y	OD450	0.048	0.086	0.118	0.184	0.322	0.743	1.334	2.192

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLAU/uPA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human uPA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human uPA 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 uPA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human uPA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	984290529
NCBI GeneID	5328
NCBI Accession #	NP_001306120.1
NCBI GenBank Nucleotide #	NM_001319191.1
Molecular Weight	46,908 Da
NCBI Official Full Name	urokinase-type plasminogen activator isoform 3
NCBI Official Synonym Full Names	plasminogen activator, urokinase
NCBI Official Symbol	PLAU
NCBI Official Synonym Symbols	ATF; QPD; UPA; URK; u-PA; BDPLT5
NCBI Protein Information	urokinase-type plasminogen activator
UniProt Protein Name	Urokinase-type plasminogen activator
UniProt Gene Name	PLAU
UniProt Synonym Gene Names	U-plasminogen activator; uPA
UniProt Entry Name	UROK_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/plau-upa-human-elisa-kits/urokinase-type-plasminogen-activator/101006>