

Human uPA/PLAU ELISA Kit | PLAU elisa kit

Human uPA/PLAU PicoKine ELISA Kit

CATALOG #
AAA45210

REACTIVITY
Human

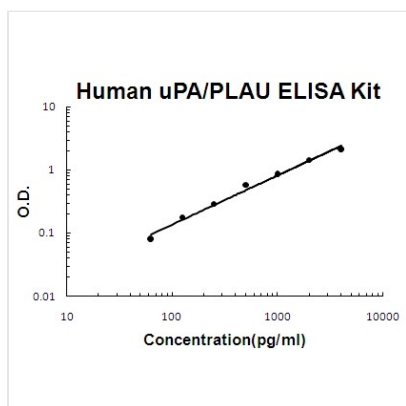
PRODUCT SYNONYMS

uPA/PLAU; Human uPA/PLAU PicoKine ELISA Kit; Urokinase-type plasminogen activator; plasminogen activator; urokinase; ATF; BDPLT5; Plasminogen activator urinary; PLAU; QPD; u PA; U-plasminogen activator; uPA; URK; UROK_HUMAN; Urokinase-type plasminogen activator chain B; PLAU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human uPA
Sequence Length	431
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 5pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human uPA/PLAU PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PLAU elisa kit	Principle of the assay: human uPA ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for uPA has been precoated onto 96-well plates. Standards(NSO, M1-L431) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for uPA is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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. Background: human uPA ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for uPA has been precoated onto 96-well plates. Standards(NSO, M1-L431) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for uPA is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254763341
NCBI GeneID	5328
UniProt Accession #	P00749; Q15844; Q16618; Q53XS3; Q5SWW9; Q969W6; B4DPZ2
Molecular Weight	46,908 Da
NCBI Official Full Name	Urokinase-type plasminogen activator
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; U-plasminogen activator; plasminogen activator, urinary
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/human-elisa-kits/upa-plau/45210>