

Rat plasminogen activator, urokinase ELISA Kit | PLAU elisa kit

Rat urokinase plasminogen activator, uPA ELISA Kit

CATALOG #
AAA80024

REACTIVITY
Rat

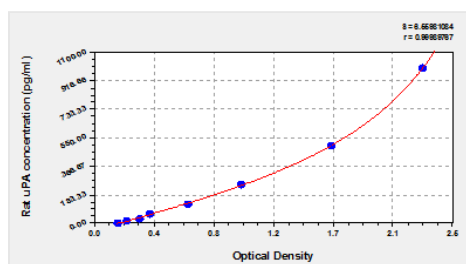
PRODUCT SYNONYMS

plasminogen activator; urokinase; Rat urokinase plasminogen activator; uPA ELISA Kit; uPA ELISA kit; ATF; UPA; URK; u-PA; U-plasminogen activator; urinary; urokinase-type plasminogen activator; PLAU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat PLAU. No significant cross-reactivity or interference between Rat PLAU and analogues was observed.
Sequence Length	433
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Blood Coagulation
Protein Biological Process 3	Plasminogen activation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLAU elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for uPA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any uPA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for uPA is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of uPA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723712
NCBI GeneID	100008633
NCBI Accession #	NP_001075480.1
NCBI GenBank Nucleotide #	NM_001082011.1
UniProt Accession #	Q8MHY7; Q8MILO
Molecular Weight	48,444 Da
NCBI Official Full Name	urokinase-type plasminogen activator
NCBI Official Symbol	PLAU
NCBI Protein Information	urokinase-type plasminogen activator; uPA; U-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_RABIT

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-rat-elisa-kits/plasminogen-activator-urokinase/80024>