

Mouse Plasminogen Activator, Urokinase (uPA) RTU ELISA Kit | uPA rtu elisa kit

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CATALOG #
AAA219107

REACTIVITY
Mouse

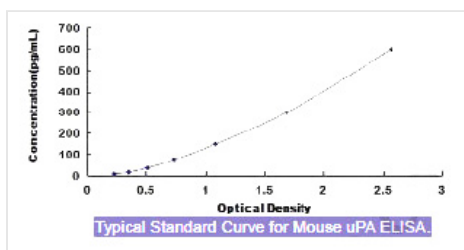
PRODUCT SYNONYMS

Plasminogen Activator; Urokinase (uPA); Mouse Plasminogen Activator; Urokinase (uPA) ELISA Kit; PLAU; ATF; URK; UK; UP-A; Abbokinase; Urokinase-Type Plasminogen Activator; uPA rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of uPA. No significant cross-reactivity or interference between uPA and analogues was observed.
Sequence Length	433
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	9.37-600pg/mL
Sensitivity	< 4.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level uPA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level uPA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for uPA rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of uPA in mouse serum, plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to uPA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to uPA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain uPA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of uPA in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679377
NCBI GeneID	18792
NCBI Accession #	NP_032899.1
NCBI GenBank Nucleotide #	NM_008873.3
UniProt Accession #	P06869
Molecular Weight	48,268 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	uPA; u-PA
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

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-rtu-elisa-kits/plasminogen-activator-urokinase-upa/219107>