

Mouse Urokinase plasminogen activator ELISA Kit | UPA elisa kit

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CATALOG #
AAA82461

REACTIVITY
Mouse

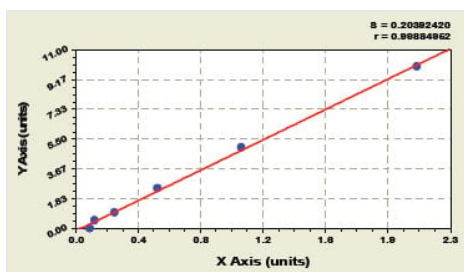
PRODUCT SYNONYMS

Urokinase plasminogen activator; Mouse Urokinase plasminogen activator ELISA Kit; UPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Intended Uses	This uPA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse uPA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for UPA elisa kit

Principle of the assay: uPA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for uPA. Standards or samples are then added to the microtiter plate wells and uPA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of uPA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for uPA are added to each well to "sandwich" the uPA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain uPA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The uPA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for UPA elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	56068043
NCBI GeneID	5328
Molecular Weight	46,908 Da
NCBI Official Full Name	urokinase plasminogen activator, partial
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/upa-mouse-elisa-kits/urokinase-plasminogen-activator/82461>