

Rat Urokinase plasminogen activator ELISA Kit | UPA elisa kit

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CATALOG #
AAA85213

REACTIVITY
Rat

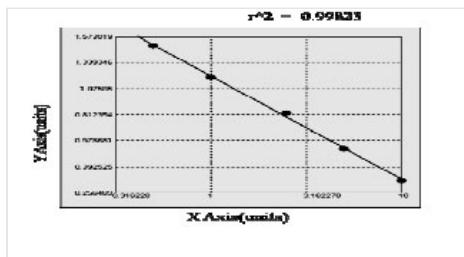
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UPA elisa kit

Intended Uses: This uPA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat uPA.

Principle of the Assay: uPA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-uPA antibody and an uPA-HRP conjugate. The assay sample and buffer are incubated together with uPA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the uPA concentration since uPA from samples and uPA-HRP conjugate compete for the anti-uPA antibody binding site. Since the number of sites is limited, as more sites are occupied by uPA from the sample, fewer sites are left to bind uPA-HRP conjugate. 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-rat-elisa-kits/urokinase-plasminogen-activator/85213>