

Goat Urokinase plasminogen activator ELISA Kit | UPA elisa kit

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CATALOG #
AAA89442

REACTIVITY
Goat

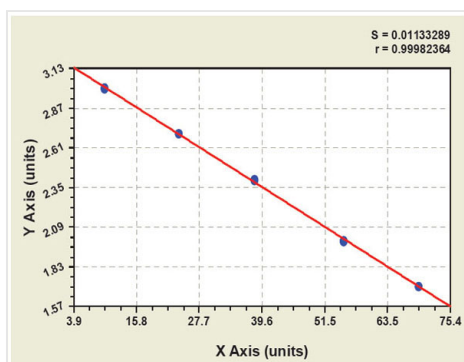
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1ng/mL.
Intended Uses	This UPA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat UPA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UPA elisa kit

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
UniProt Accession #	Q5PY49; P00749; Q59GZ8; Q5SWW8; Q96SE8; Q9UEJ5
Molecular Weight	46,368 Da
NCBI Official Full Name	urokinase 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 plasminogen activator
UniProt Entry Name	Q5PY49_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-goat-elisa-kits/urokinase-plasminogen-activator/89442>