

Human Plasminogen activator ELISA Kit | PLGA elisa kit

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CATALOG #
AAA86460

REACTIVITY
Human

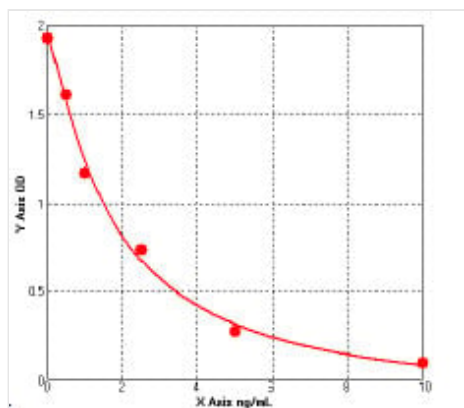
PRODUCT SYNONYMS

Plasminogen activator; Human Plasminogen activator ELISA Kit; PLGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PA. No significant cross-reactivity or interference between PA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PA and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLGA elisa kit	Intended Uses: This PA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PA antibody and an PA-HRP conjugate. The assay sample and buffer are incubated together with PA-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 PA concentration since PA from samples and PA-HRP conjugate compete for the anti-PA antibody binding site. Since the number of sites is limited, as more sites are occupied by PA from the sample, fewer sites are left to bind PA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PLGA elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	339834
NCBI GeneID	5327
Molecular Weight	44,373 Da
NCBI Official Full Name	plasminogen activator
NCBI Official Synonym Full Names	plasminogen activator, tissue
NCBI Official Symbol	PLAT
NCBI Official Synonym Symbols	TPA; T-PA
NCBI Protein Information	tissue-type plasminogen activator; alteplase; reteplase; t-plasminogen activator; plasminogen activator, tissue type; tissue plasminogen activator (t-PA)
UniProt Protein Name	Tissue-type plasminogen activator
UniProt Gene Name	PLAT
UniProt Synonym Gene Names	t-PA; t-plasminogen activator; tPA
UniProt Entry Name	TPA_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://www.aaabiotech.com/plga-human-elisa-kits/plasminogen-activator/86460>