

Human Tissue-type plasminogen activator ELISA Kit | PLAT elisa kit

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CATALOG #
AAA309995

REACTIVITY
Human

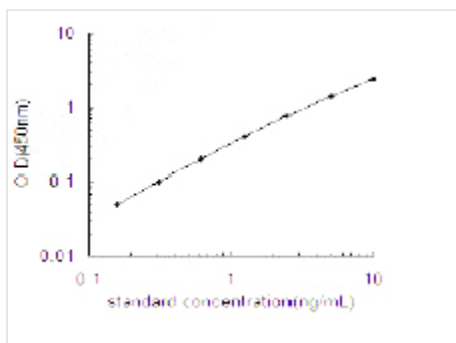
PRODUCT SYNONYMS

Tissue-type plasminogen activator; Human Tissue-type plasminogen activator ELISA Kit; t-PA; t-plasminogen activator; tPA; PLAT; 3.4.21.68; PLAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human tPA. No significant cross-reactivity or interference was observed. Note?Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between human tPA and all the analogues, therefore, cross reaction may still exist.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLAT elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human tissue-type plasminogen activator,tPA concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to tPA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for tPA and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain tPA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of tPA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505861
NCBI GeneID	5327
NCBI Accession #	NP_000921.1
NCBI GenBank Nucleotide #	NM_000930.4
UniProt Accession #	P00750; Q15103; Q503B0; Q6PJA5; Q7Z7N2; Q86YK8; Q9BU99; Q9BZW1; A8K022; B2R8E8
Molecular Weight	44,373 Da
NCBI Official Full Name	tissue-type plasminogen activator isoform 1 preproprotein
NCBI Official Synonym Full Names	plasminogen activator, tissue type
NCBI Official Symbol	PLAT
NCBI Official Synonym Symbols	TPA; T-PA
NCBI Protein Information	tissue-type plasminogen activator
UniProt Protein Name	Tissue-type plasminogen activator
UniProt Gene Name	PLAT
UniProt Synonym Gene Names	t-PA; t-plasminogen activator; tPA

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/plat-human-elisa-kits/tissue-type-plasminogen-activator/309995>