

Mouse Plasminogen Activator, Tissue ELISA Kit | tPA elisa kit

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CATALOG #
AAA102252

REACTIVITY
Mouse

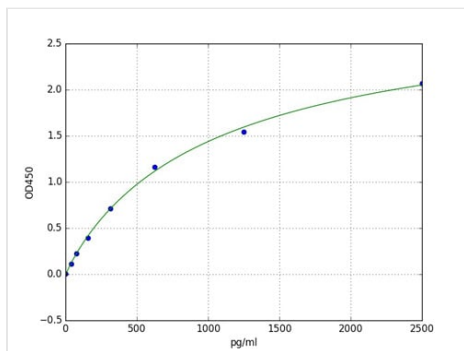
PRODUCT SYNONYMS

Plasminogen Activator; Tissue; Mouse Plasminogen Activator; Tissue ELISA Kit; tPA/Alteplase/PLAT/Retelase/T-PA/Alteplase/alteplase/DKFZp686I03148/EC 3.4.21/EC 3.4.21.68/plasminogen activator; tissue/plasminogen activator; tissue type/PLAT/reteplase/Retelase/tissue plasminogen activator (t-PA)/tissue-type plasminogen activator/TPA/tPA/T-PA/t-PA/t-plasminogen activator; tPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	516
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	39.063-2500pg/ml
Sensitivity	23.438pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse tPA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	39.1	78.125	156.25	312.5	625	1250	2500
Y	OD450	0.043	0.079	0.138	0.259	0.462	0.902	1.507	2.342

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for tPA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse tPA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse tPA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse tPA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse tPA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	127796397
NCBI GeneID	5327
Molecular Weight	44,373 Da
NCBI Official Full Name	Plasminogen activator, tissue
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
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://stage.aaabiotech.com/tpa-mouse-elisa-kits/plasminogen-activator-tissue/102252>