

Rat Plasminogen Activator, Tissue ELISA Kit | tPA elisa kit

Rat Plasminogen Activator, Tissue ELISA Kit

CATALOG #
AAA100391

REACTIVITY
Rat

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of tPA . No significant cross-reactivity or interference between tPA and analogues was observed.
Sequence Length	516
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level tPA were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level tPA were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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

Typical Data & Standard Curve

Results of a typical standard run of a 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	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	0.015	0.303	0.417	0.888	1.341	1.805	2.242	2.4

Standard Curve (Sample)

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-rat-elisa-kits/plasminogen-activator-tissue/100391>