

Mouse Tissue Plasminogen Activator (tPA) CLIA Kit | tPA clia kit

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CATALOG # AAA151220	REACTIVITY Mouse
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PRODUCT SYNONYMS

Tissue Plasminogen Activator (tPA); Mouse Tissue Plasminogen Activator (tPA) CLIA Kit; tPA/Tissue Plasminogen Activator; PLAT; T-PA; t-plasminogen activator; Alteplase; Reteplase; tPA clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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.
Samples	Mouse serum, plasma and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.056ng/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<10%
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<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term(within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

ADDITIONAL INFORMATION

Related Product Information for tPA clia kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to tPA. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to tPA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the tPA level in the sample or standard. Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of tPA in mouse serum, plasma and other biological fluids.
Product Categories/Family for tPA clia kit	Metabolic pathway ; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	170763477
NCBI GeneID	18791

NCBI Accession #	NP_032898.2
NCBI GenBank Nucleotide #	NM_008872.2
UniProt Accession #	P11214; Q6P7U0; Q91VP2
Molecular Weight	160,000
NCBI Official Full Name	tissue-type plasminogen activator preproprotein
NCBI Official Synonym Full Names	plasminogen activator, tissue
NCBI Official Symbol	Plat
NCBI Official Synonym Symbols	tPA; AU020998; AW212668; D8Ert2e
NCBI Protein Information	tissue-type plasminogen activator; t-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_MOUSE

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/mouse-clia-kits/tissue-plasminogen-activator-tpa/151220>