

General tPA functional assay ELISA Kit | PLAT elisa kit

Active rat tPA functional assay ELISA Kit

CATALOG #
AAA37728

REACTIVITY
General

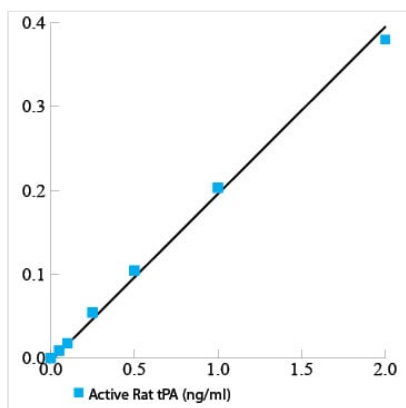
PRODUCT SYNONYMS

tPA functional assay; Active rat tPA functional assay ELISA Kit; PLAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	These studies are currently in progress. Please contact us for more information.
Form/Format	Complete Kit
Sequence Length	559
Samples	Rat plasma and other biological fluids
Intra-assay Precision	These studies are currently in progress. Please contact us for more information.
Inter-assay Precision	These studies are currently in progress. Please contact us for more information.
Preparation and Storage	Store at 4 degree C. Shelf Life: 12 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLAT elisa kit	Intended Uses: This rat tPA activity assay is intended for the quantitative determination of active tissue plasminogen activator in rat plasma and other biological fluids. For research use only. Principle of the Assay: Functionally active rat tPA will form a covalent complex with the biotinylated human PAI-1 which is bound to the avidin on the plate. Only free active tPA will react with the PAI-1 bound to the plate. After appropriate washing steps, polyclonal anti-tPA primary antibody binds to the captured tPA. Excess antibody is washed away and bound primary antibody is then reacted with the secondary antibody conjugated to horseradish peroxidase. Following an additional washing step, TMB substrate is used for color development at 450nm. The amount of color development is directly proportional to the concentration of active tPA in the sample. Background: Tissue plasminogen activator (tPA) is a serine protease that converts plasminogen to the active serine protease plasmin in the blood fibrinolytic system [1,2]. It also plays an important role in the removal of incipient thrombi [3]. tPA is widely used for the thrombolytic treatment of acute myocardial infarction [3].
Product Categories/Family for PLAT elisa kit	Tissue Plasminogen Activator (tPA); Rat tPA ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	42476137
NCBI GeneID	25692
NCBI Accession #	NP_037283.2
NCBI GenBank Nucleotide #	NM_013151.2
UniProt Accession #	P19637
Molecular Weight	62,903 Da
NCBI Official Full Name	tissue-type plasminogen activator
NCBI Official Synonym Full Names	plasminogen activator, tissue
NCBI Official Symbol	Plat
NCBI Official Synonym Symbols	tPA; PATISS
NCBI Protein Information	tissue-type plasminogen activator; t-PA; t-plasminogen activator; tissue 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_RAT

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-general-elisa-kits/tpa-functional-assay/37728>