

General tPA total antigen assay ELISA Kit | PLAT elisa kit

Human tPA total antigen assay ELISA Kit

CATALOG #
AAA37744

REACTIVITY
General

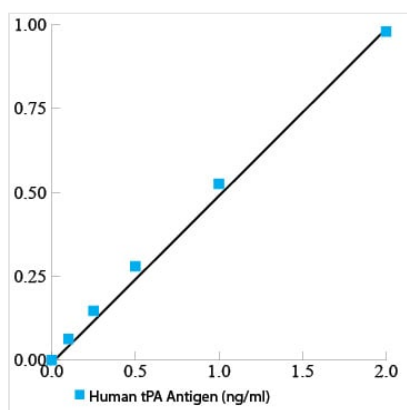
PRODUCT SYNONYMS

tPA total antigen assay; Human tPA total antigen 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	562
Samples	Human 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 human tissue-type plasminogen activator (tPA) total antigen assay is intended for the quantitative determination of total tissue plasminogen activator in human plasma and other biological fluids. For research use only. Principle of the Assay: Human tPA will bind to the affinity purified capture antibody coated on the microtiter plate. Free, latent and complexed tPA will bind to the plate. After appropriate washing steps, monoclonal anti-human tPA primary antibody binds to the captured protein. Excess primary antibody is washed away and bound antibody is reacted with the peroxidase conjugated secondary antibody. Following an additional washing step, TMB is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of human tPA. Color development is proportional to the concentration of tPA in the samples. Background: tPA is a serine protease that catalyzes the activation of plasminogen to plasmin [1]. Clinical studies have indicated that high tPA levels may increase the risk for thrombosis [2], whereas decreased levels may cause neuronal plasticity and degeneration [3].
Product Categories/Family for PLAT elisa kit	Tissue Plasminogen Activator (tPA); Human tPA ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505861
NCBI GeneID	5327
NCBI Accession #	NP_000921.1
NCBI GenBank Nucleotide #	NM_000930.3
UniProt Accession #	P00750; Q15103; Q503B0; Q6PJA5; Q7Z7N2; Q86YK8; Q9BU99; Q9BZW1; A8K022; B2R8E8
Molecular Weight	62,917 Da
NCBI Official Full Name	tissue-type plasminogen activator isoform 1 preproprotein
NCBI Official Synonym Full Names	plasminogen activator, tissue
NCBI Official Symbol	PLAT
NCBI Official Synonym Symbols	TPA; T-PA
NCBI Protein Information	tissue-type plasminogen activator; alteplase; reteplase; t-plasminogen activator; plasminogen activator, tissue type; tissue plasminogen activator (t-PA)
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/plat-general-elisa-kits/tpa-total-antigen-assay/37744>