

General uPA functional assay ELISA Kit | PLAUI elisa kit

Active mouse uPA functional assay ELISA Kit

CATALOG #
AAA37748

REACTIVITY
General

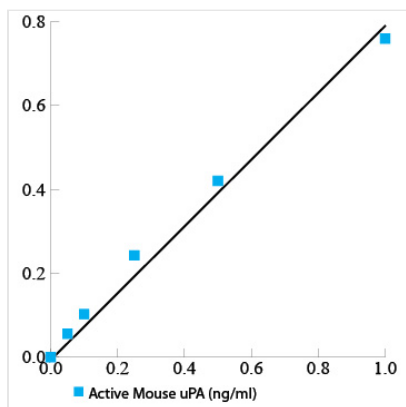
PRODUCT SYNONYMS

uPA functional assay; Active mouse uPA functional assay ELISA Kit; PLAUI 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	433
Samples	Mouse plasma
Sensitivity	Sensitivity was calculated by determining the OD of 20 reps of So and 20 reps of the low standard. Sensitivity was determined to be 0.004 ng/ml.
Intra-assay Precision	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
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 PLAU elisa kit	Intended Uses: Mouse uPA activity assay is intended for the quantitative determination of active plasminogen activator in mouse plasma. For research use only. Principle of the Assay: Functionally active uPA will form a covalent complex with the biotinylated human PAI-1 which is bound to the avidin on the plate. Only free active enzyme will react with the PAI-1 on the plate. Inactive or complexed enzyme will not be detected. After appropriate washing steps, anti-mouse uPA primary antibody binds to the captured enzyme. Excess antibody is washed away and bound antibody is then reacted with the secondary antibody conjugated to horseradish peroxidase. TMB substrate is used for color development at 450nm. The amount of color development is directly proportional to the concentration of active uPA in the sample. Background: Urokinase plasminogen activator (uPA) is a serine protease that activates plasminogen to plasmin in the blood fibrinolytic system. It is also implicated in events related to cell invasion/migration [3].
Product Categories/Family for PLAU elisa kit	Urokinase (uPA); Mouse uPA ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679377
NCBI GeneID	18792
NCBI Accession #	NP_032899.1
NCBI GenBank Nucleotide #	NM_008873.3
UniProt Accession #	P06869
Molecular Weight	48,268 Da
NCBI Official Full Name	urokinase-type plasminogen activator
NCBI Official Synonym Full Names	plasminogen activator, urokinase
NCBI Official Symbol	Plau
NCBI Official Synonym Symbols	uPA; u-PA
NCBI Protein Information	urokinase-type plasminogen activator; U-plasminogen activator
UniProt Protein Name	Urokinase-type plasminogen activator
UniProt Gene Name	Plau
UniProt Synonym Gene Names	U-plasminogen activator; uPA
UniProt Entry Name	UROK_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.