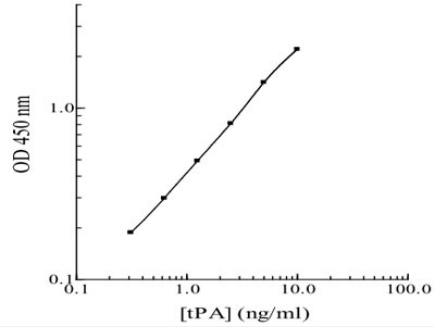
PLAT (Human) ELISA Kit

Catalog # KA3834 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	PLAT (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human PLAT.
Suitable Sample	Cell Culture Supernatant, Milk, Plasma, Serum, Tissue Extract
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Reactivity	Human, Pig
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — PLAT

Entrez GeneID	5327
Gene Name	PLAT
Gene Alias	DKFZp686I03148, T-PA, TPA
Gene Description	plasminogen activator, tissue
Omim ID	173370
Gene Ontology	Hyperlink
Gene Summary	This gene encodes tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator i s synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity cau ses hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibr inolysis which can result in thrombosis or embolism. Alternative splicing of this gene results in mult iple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	alteplase|plasminogen activator, tissue type|reteplase|t-plasminogen activator|tissue plasminogen activator (t-PA)

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Amphetamine-Related Disorders
- Aneurysm
- Arterial Occlusive Diseases
- Arteriosclerosis
- Arthritis
- Atherosclerosis

- Brain Infarction
- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Cerebral Palsy
- Cerebrovascular Accident
- Chorioamnionitis
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Diabetes Complications
- Diabetes Mellitus
- Duodenal Ulcer
- Edema
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Hearing Loss
- Hypertension
- Infection
- Inflammation
- Intracranial Embolism and Thrombosis
- Ischemia
- Kidney Failure
- Metabolic Syndrome X
- Musculoskeletal Diseases

- Myocardial Infarction
- Neoplasms
- Obesity
- Obstetric Labor
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Peptic Ulcer Hemorrhage
- Periodontitis
- Placenta Diseases
- Pneumoconiosis
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Recurrence
- Skin Diseases
- Stomach Ulcer
- Stroke
- Subarachnoid Hemorrhage
- Thromboembolism
- Thrombophilia
- Thrombosis
- Thyroid Neoplasms
- Vascular Diseases
- Venous Thrombosis