

ARG82915 Human Urokinase / uPA ELISA Kit

Package: 96 wells
Store at: 4°C, -20°C

Summary

Product Description	ARG82915 Human Urokinase / uPA ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Urokinase / uPA in serum, plasma (heparin, EDTA), cell lysates and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Urokinase / uPA
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (heparin, EDTA), cell lysates and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Alternate Names	PLAU; Plasminogen Activator, Urokinase; UPA; URK; Urokinase-Type Plasminogen Activator; U-Plasminogen Activator; EC 3.4.21.73; Plasminogen Activator, Urinary; EC 3.4.21; BDPLT5; U-PA; ATF; QPD

Application Instructions

Assay Time	4 hours
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Properties

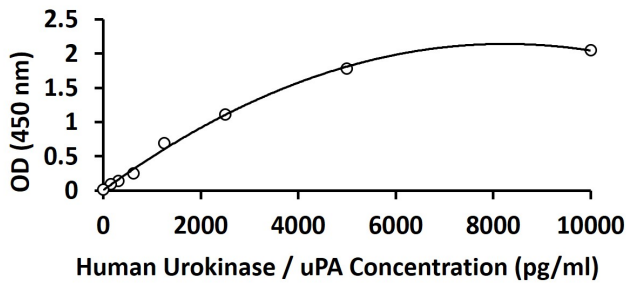
Form	96 well
Storage instruction	Store the kit at 4°C, -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PLAU
Gene Full Name	Plasminogen Activator, Urokinase
Background	This gene encodes a secreted serine protease that converts plasminogen to plasmin. The encoded preproprotein is proteolytically processed to generate A and B polypeptide chains. These chains associate via a single disulfide bond to form the catalytically inactive high molecular weight urokinase-type plasminogen activator (HMW-uPA). HMW-uPA can be further processed into the catalytically active low molecular weight urokinase-type plasminogen activator (LMW-uPA). This low molecular weight form does not bind to the urokinase-type plasminogen activator receptor. Mutations in this gene may be associated with Quebec platelet disorder and late-onset Alzheimer's disease. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]

Function	Specifically cleaves the zymogen plasminogen to form the active enzyme plasmin. [Uniprot]
PTM	Disulfide bond, Glycoprotein, Phosphoprotein, Zymogen. [Uniprot]
Cellular Localization	Secreted. [Uniprot]

Images



ARG82915 Human Urokinase / uPA ELISA Kit standard curve image

ARG82915 Human Urokinase / uPA ELISA Kit results of a typical standard run with optical density reading at 450 nm.