

## ARG81066 Porcine tPA (active) ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81066 Porcine tPA (active) ELISA Kit is an Enzyme Immunoassay kit for the quantification of Porcine tPA (active) in plasma.
Tested Reactivity	Pig
Tested Application	ELISA
Target Name	tPA
Conjugation	HRP
Conjugation Note	TMB substrate is used for color development at 450 nm.
Sensitivity	0.018 ng/ml
Sample Type	Plasma
Standard Range	0.02 - 10 ng/ml
Alternate Names	EC 3.4.21.68; t-plasminogen activator; t-PA; Tissue-type plasminogen activator; tPA

### Application Instructions

#### Properties

Form	96 well
Storage instruction	Store the kit at 2-8°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

Database links	<a href="#">GeneID: 397121 Pig</a> <a href="#">Swiss-port # Q8SQ23 Pig</a>
Gene Symbol	PLAT
Gene Full Name	plasminogen activator, tissue
Background	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 is 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 causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Function	Converts the abundant, but inactive, zymogen plasminogen to plasmin by hydrolyzing a single Arg-Val

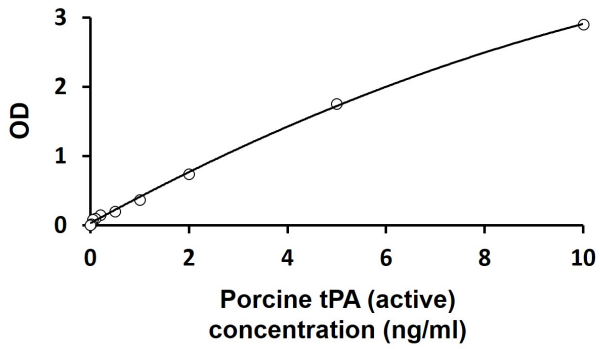
bond in plasminogen. By controlling plasmin-mediated proteolysis, it plays an important role in tissue remodeling and degradation, in cell migration and many other physiopathological events (By similarity). [UniProt]

Resrarch Area

Cancer kit; Cell Biology and Cellular Response kit; Metabolism kit

## Images

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ARG81066 Porcine tPA (active) ELISA Kit standard curve image

ARG81066 Porcine tPA (active) ELISA Kit results of a typical standard run with optical density reading at 450 nm.