

Sheep Plasminogen activator ELISA Kit | PLGA elisa kit

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CATALOG #
AAA94129

REACTIVITY
Sheep

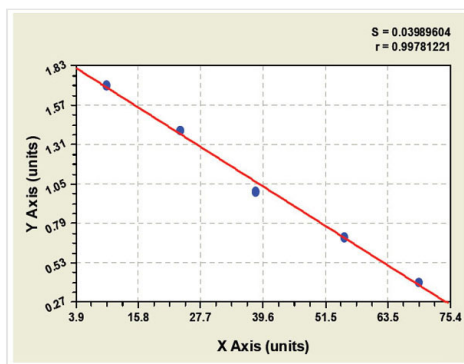
PRODUCT SYNONYMS

Plasminogen activator; Sheep Plasminogen activator ELISA Kit; PLGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This PLGA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PLGA. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLGA elisa kit

Principle of the Assay: PLGA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PLGA antibody and an PLGA-HRP conjugate. The assay sample and buffer are incubated together with PLGA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PLGA concentration since PLGA from samples and PLGA-HRP conjugate compete for the anti-PLGA antibody binding site. Since the number of sites is limited, as more sites are occupied by PLGA from the sample, fewer sites are left to bind PLGA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PLGA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	339834
NCBI GeneID	5327
Molecular Weight	44,373 Da
NCBI Official Full Name	plasminogen activator
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://www.aaabiotech.com/plga-sheep-elisa-kits/plasminogen-activator/94129>