

General PAI-1 functional assay ELISA Kit | SERPINE1 elisa kit

Active porcine PAI-1 functional assay ELISA Kit

CATALOG #
AAA37726

REACTIVITY
General

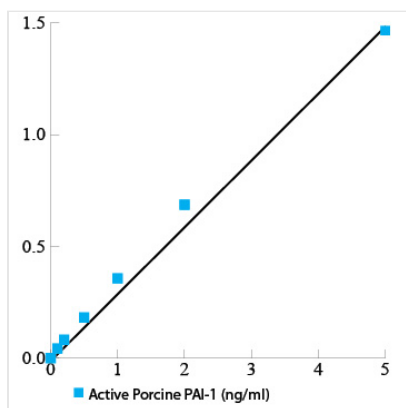
PRODUCT SYNONYMS

PAI-1 functional assay; Active porcine PAI-1 functional assay ELISA Kit; SERPINE1 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	402
Samples	Porcine plasma, serum and other biological fluids
Intra-assay Precision	These studies are currently in progress. Please contact us for more information.
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 SERPINE1 elisa kit	Intended Uses: This porcine PAI-1 activity assay is intended for the quantitative determination of active plasminogen activator inhibitor type 1 (PAI-1) in porcine plasma, serum and other biological fluids. For research use only. Principle of the Assay: Functionally active PAI-1 present in plasma reacts with urokinase coated and dried on a microtiter plate. Latent or complexed PAI-1 will not bind to the plate and will not be detected. Unbound PAI-1 samples are washed away and an anti-PAI-1 primary antibody is added. Excess primary antibody is washed away and bound antibody, which is proportional to the original active PAI-1 present in the samples, is then reacted with the horseradish peroxidase conjugated secondary antibody. Following an additional washing step, TMB substrate solution is then used for color development at 450nm. The amount of color development is directly proportional to the concentration of active PAI-1 in the sample. Background: PAI-1 is involved in regulating the blood fibrinolytic system. Increased plasma level of PAI-1 is involved in the impairment of fibrinolytic function and may be associated with thrombotic diseases [2]. Increased levels of PAI-1 tend to augment in the presence of insulin [3].
Product Categories/Family for SERPINE1 elisa kit	Plasminogen Activator Inhibitor 1 (PAI-1); PAI-1 ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	47522668
NCBI GeneID	396945
NCBI Accession #	NP_999075.1
NCBI GenBank Nucleotide #	NM_213910.1
UniProt Accession #	P79335
Molecular Weight	45,450 Da
NCBI Official Full Name	plasminogen activator inhibitor 1
NCBI Official Symbol	SERPINE1
NCBI Official Synonym Symbols	PLANH1
NCBI Protein Information	plasminogen activator inhibitor 1; PAI; PAI-1; serpin E1; plasminogen activator inhibitor I; endothelial plasminogen activator inhibitor
UniProt Protein Name	Plasminogen activator inhibitor 1
UniProt Gene Name	SERPINE1
UniProt Synonym Gene Names	PAI1; PLANH1; PAI; PAI-1
UniProt Entry Name	PAI1_PIG

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.