

Dog Active PAI-1 functional assay ELISA Kit | SERPINE1 elisa kit

Active canine (dog) PAI-1 functional assay ELISA kit

CATALOG #
AAA37831

REACTIVITY
Dog

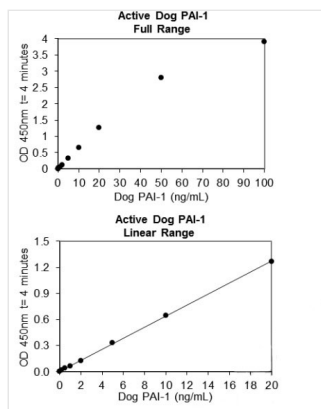
PRODUCT SYNONYMS

Active PAI-1 functional assay; Active canine (dog) PAI-1 functional assay ELISA kit; SERPINE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes natural and recombinant active dog PAI-1. Pooled normal plasma from human and pig was assayed and significant crossreactivity was observed.
Form/Format	Complete kit
Sequence Length	125
Samples	Dog plasma
Sensitivity	0.104 ng/ml
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	Recommended Storage: 4 degree C Minimum Shelf Life: 12 months from manufacture, see label for expiration date Shipping Condition: Cold pack

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINE1 elisa kit	Background: This dog PAI-1 activity assay is intended for the quantitative determination of active plasminogen activator inhibitor type 1 (PAI-1) in dog plasma. 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. After appropriate washing steps, primary antibody binds to the captured protein. Excess antibody is washed away and bound polyclonal antibody is reacted with horseradish peroxidase conjugated secondary antibody. TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of dog PAI-1. The amount of color development is directly proportional to the concentration of active PAI-1 in the sample. Intended Uses: This dog PAI-1 activity assay is intended for the quantitative determination of active plasminogen activator inhibitor type 1 (PAI-1) in dog plasma. For research use only.
Product Categories/Family for SERPINE1 elisa kit	PAI-1 ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	75046100
NCBI GeneID	403476
UniProt Accession #	Q7YSA1
Molecular Weight	14,069 Da
NCBI Official Full Name	Plasminogen activator inhibitor type 1
NCBI Official Symbol	SERPINE1
NCBI Official Synonym Symbols	PAI-1
NCBI Protein Information	plasminogen activator inhibitor 1; plasminogen activator inhibitor type 1
UniProt Protein Name	Plasminogen activator inhibitor type 1
UniProt Gene Name	PAI-1
UniProt Entry Name	Q7YSA1_CANFA

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://stage.aaabiotech.com/dog-elisa-kits/active-pai-1-functional-assay/37831>