

Horse PAI2 (Plasminogen Activator Inhibitor 2) ELISA Kit | PAI2 elisa kit

Horse PAI2 (Plasminogen Activator Inhibitor 2)

CATALOG #
AAA102631

REACTIVITY
Horse

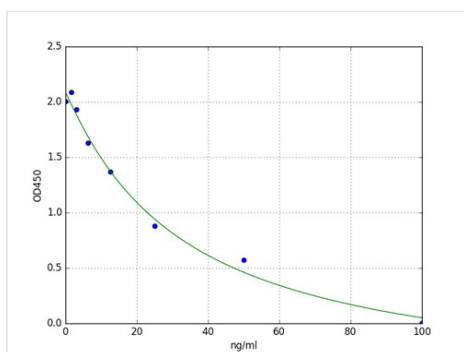
PRODUCT SYNONYMS

PAI2 (Plasminogen Activator Inhibitor 2); Horse PAI2 (Plasminogen Activator Inhibitor 2); PAI2/PAI2/PLANH2/Urokinase Inhibitor/HsT1201/Monocyte Arg-serpin/PAI/PAI2Urokinase inhibitor/Placental plasminogen activator inhibitor/PLANH2PAI-2/plasminogen activator inhibitor 2/plasminogen activator inhibitor; type II (arginine-serpin)/serine (or cysteine) proteinase inhibitor; clade B (ovalbumin); member 2/Serpin B2/serpin peptidase inhibitor; member 2; PAI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of PAI2 . No significant cross-reactivity or interference between PAI2 and analogues was observed.
Sequence Length	415
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PAI2 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PAI2 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAI2 elisa kit	Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with PAI2 . During the reaction,PAI2 in the sample or standard competes with a fixed amount of PAI2 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to PAI2 . Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin(SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of PAI2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	219689110
NCBI GeneID	5055
NCBI Accession #	NP_001137290.1
NCBI GenBank Nucleotide #	NM_001143818.1
Molecular Weight	46,596 Da
NCBI Official Full Name	plasminogen activator inhibitor 2
NCBI Official Synonym Full Names	serpin family B member 2
NCBI Official Symbol	SERPINB2
NCBI Official Synonym Symbols	PAI; PAI2; PAI-2; PLANH2; HsT1201
NCBI Protein Information	plasminogen activator inhibitor 2
UniProt Protein Name	Plasminogen activator inhibitor 2
UniProt Gene Name	SERPINB2
UniProt Synonym Gene Names	PAI2; PLANH2; PAI-2
UniProt Entry Name	PAI2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/horse-elisa-kits/pai2-plasminogen-activator-inhibitor-2/102631>