

Bovine plasminogen ELISA Kit | PLG elisa kit

Bovine Plasminogen, PLG ELISA Kit

CATALOG #
AAA112959

REACTIVITY
Bovine

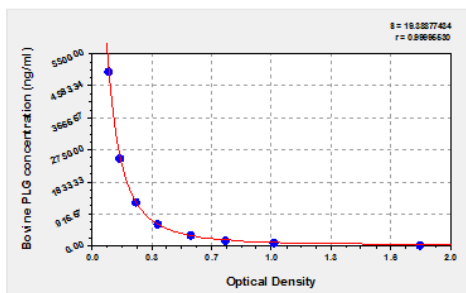
PRODUCT SYNONYMS

plasminogen; Bovine Plasminogen; PLG ELISA Kit; Bovine Plasminogen (PLG) ELISA kit; RP1-81D8.1; DKFZp779M0222; plasmin; PLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine PLG. No significant cross-reactivity or interference between Bovine PLG and analogues was observed.
Sequence Length	812
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	78 ng/ml-5000 ng/ml
Sensitivity	19.5 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Blood Coagulation
Protein Biological Process 3	Blood coagulation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLG elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with plasminogen. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for plasminogen. The competitive inhibition reaction is launched between with pre-coated plasminogen and plasminogen in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of plasminogen in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806815
NCBI GeneID	280897
NCBI Accession #	NP_776376.1
NCBI GenBank Nucleotide #	NM_173951.2
UniProt Accession #	P06868; Q28162
Molecular Weight	91,216 Da
NCBI Official Full Name	plasminogen
NCBI Official Symbol	PLG
NCBI Official Synonym Symbols	LPA
NCBI Protein Information	plasminogen; lipoprotein, Lp(a)
UniProt Protein Name	Plasminogen
UniProt Gene Name	PLG
UniProt Entry Name	PLMN_BOVIN

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/plg-bovine-ovine-elisa-kits/plasminogen/112959>