

Bovine Plasminogen ELISA Kit | Plg elisa kit

Bovine Plasminogen ELISA Kit

CATALOG #
AAA91294

REACTIVITY
Bovine

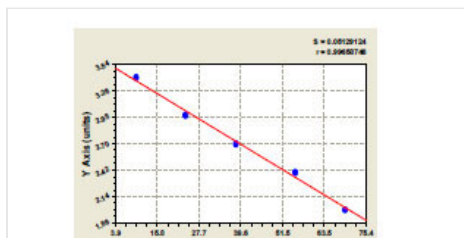
PRODUCT SYNONYMS

Plasminogen; Bovine Plasminogen ELISA Kit; Plg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Plg elisa kit

Intended Uses: This Plasminogen ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine Plasminogen.

Principle of the Assay: Plasminogen ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-Plasminogen antibody and an Plasminogen-HRP conjugate. The assay sample and buffer are incubated together with Plasminogen-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 Plasminogen concentration since Plasminogen from samples and Plasminogen-HRP conjugate compete for the anti-Plasminogen antibody binding site. Since the number of sites is limited, as more sites are occupied by Plasminogen from the sample, fewer sites are left to bind Plasminogen-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Plasminogen concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Plg elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	190026
NCBI GeneID	5340
Molecular Weight	90,569 Da
NCBI Official Full Name	plasminogen
NCBI Official Synonym Full Names	plasminogen
NCBI Official Symbol	PLG
NCBI Protein Information	plasminogen
UniProt Protein Name	Plasminogen
UniProt Gene Name	PLG
UniProt Entry Name	PLMN_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://stage.aaabiotech.com/plg-bovine-ovine-elisa-kits/plasminogen/91294>