

Horse Plasminogen ELISA Kit | PLG elisa kit

Horse Plasminogen (PLG) ELISA Kit

CATALOG #
AAA55746

REACTIVITY
Horse

PRODUCT SYNONYMS

Plasminogen; Horse Plasminogen (PLG) ELISA Kit; PLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse PLG. No significant cross-reactivity or interference between Horse PLG and analogues was observed.
Sequence Length	810
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56 ug/mL - 100 ug/mL
Sensitivity	1 ug/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PLG elisa kit

Intended Uses: For the quantitative detection of Horse Plasminogen (PLG) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PLG in Horse serum, plasma. An antibody specific for PLG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLG is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PLG bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130315
NCBI GeneID	100050531
UniProt Accession #	P80010
Molecular Weight	37,132 Da
NCBI Official Full Name	Plasminogen

NCBI Official Symbol	PLG
NCBI Protein Information	plasminogen
UniProt Protein Name	Plasminogen
UniProt Gene Name	PLG

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://www.aaabiotech.com/plg-horse-elisa-kits/plasminogen/55746>