

Mouse plasminogen ELISA Kit | PLG elisa kit

Mouse Plasminogen, PLG ELISA Kit

CATALOG #
AAA112427

REACTIVITY
Mouse

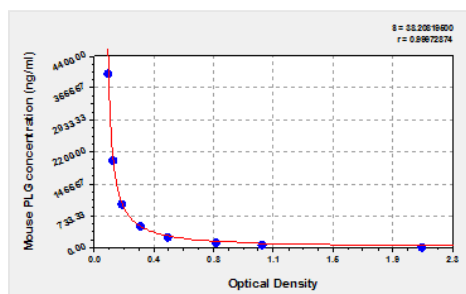
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PLG. No significant cross-reactivity or interference between mouse PLG and analogues was observed.
Sequence Length	812
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	62.5 ng/ml -4000 ng/ml.
Sensitivity	The minimum detectable dose of mouse PLG is typically less than 15.63 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 PLG. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for PLG. The competitive inhibition reaction is launched between with pre-coated PLG and PLG in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of PLG in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257471003
NCBI GeneID	18815
NCBI Accession #	NP_032903.3
NCBI GenBank Nucleotide #	NM_008877.3
UniProt Accession #	P20918; Q8CIS2; Q91WJ5
Molecular Weight	90,808 Da
NCBI Official Full Name	plasminogen
NCBI Official Synonym Full Names	plasminogen
NCBI Official Symbol	Plg
NCBI Official Synonym Symbols	Pg; A1649309
NCBI Protein Information	plasminogen; angiotatin; plasmin heavy chain A; plasmin light chain B
UniProt Protein Name	Plasminogen
UniProt Gene Name	Plg
UniProt Entry Name	PLMN_MOUSE

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://www.aaabiotech.com/plg-mouse-elisa-kits/plasminogen/112427>