

Rat Plasminogen ELISA Kit | PLG elisa kit

Rat Plasminogen ELISA Kit

CATALOG # AAA76946	REACTIVITY Rat
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PRODUCT SYNONYMS

Plasminogen; Rat Plasminogen ELISA Kit; Rat Plasminogen; PLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Immunoperoxidase Assay for Determination of Plasminogen in Rat Samples
Assay Type	Sandwich
Intended Uses	The Plasminogen test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring Plasminogen in biological samples of rats.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for PLG elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the Plasminogen present in samples reacts with the anti-Plasminogen antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-PMG antibodies conjugated with horseradish peroxidase (HRP), are added. These enzyme-labeled antibodies form complexes with the previously bound PMG. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of PMG in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of PMG in the test sample. The quantity of PMG in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. Background: Plasminogen (PMG) is a glycoprotein produced by the liver. It is the precursor for plasmin, which targets fibrin in the process of dissolution of fibrin blood clots. Plasminogen is present in plasma and most extravascular fluids. The important role of plasminogen in fibrinolytic system makes it an interesting marker for various diseases.
Product Categories/Family for PLG elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	190026
NCBI GeneID	5340
UniProt Accession #	P00747 ; Q15146 ; Q5TEH4 ; Q6PA00 ; Q5TEH5 ; Q68DS2 ; Q9UBQ9 ; Q9UMI2
Molecular Weight	90,569 Da
NCBI Official Full Name	plasminogen
NCBI Official Synonym Full Names	plasminogen
NCBI Official Symbol	PLG

NCBI Official Synonym Symbols	DKFZp779M0222
NCBI Protein Information	plasminogen; OTTHUMP00000017544; OTTHUMP00000017545; OTTHUMP00000197002
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://www.aaabiotech.com/rat-elisa-kits/plasminogen/76946>