

General plasminogen total antigen assay ELISA Kit | PLG elisa kit

Human plasminogen total antigen assay ELISA Kit

CATALOG #
AAA37722

REACTIVITY
General

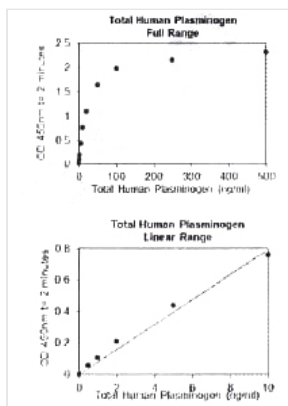
PRODUCT SYNONYMS

plasminogen total antigen assay; Human plasminogen total antigen assay ELISA Kit; PLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes natural human plasminogen, plasmin, and plasmin/anti plasmin complex. The factors listed below were prepared at 250 ng/ml in buffer and assayed for cross-reactivity. No significant cross-reactivity was observed.
Form/Format	Complete Kit
Sequence Length	810
Samples	Human plasma, serum, urine, cell culture media, or tissue extracts
Intra-assay Precision	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Three samples of known concentration were tested in ten independent assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C. Shelf Life: 12 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLG elisa kit	Intended Uses: This human plasminogen total assay is for the quantitative determination of total plasminogen and plasmin in human plasma, serum, urine, cell culture media, or tissue extracts. Principle of the Assay: Human plasminogen will bind to the capture antibody coated on the microtiter plate. Plasminogen, plasmin, and plasmin in complex with antiplasmin will react with the antibody on the plate. After appropriate washing steps, polyclonal anti-human plasminogen primary antibody binds to the captured protein. Excess antibody is washed away and bound polyclonal antibody is then reacted with the secondary antibody conjugated to horseradish peroxidase. Following an additional washing step, TMB substrate is used for color development at 450nm. The amount of color development is directly proportional to the concentration of total plasminogen in the sample. Background/Introduction: Plasminogen is a single chain glycoprotein zymogen and is the precursor of the fibrinolytic enzyme plasmin. Plasminogen deficiencies are classified as hypoplasminogenemia (Type 1) or dysplasminogenemia (Type 2) and are associated with decreased extracellular fibrin clearance leading to mucous membrane lesions and ligneous conjunctivitis [1].
Product Categories/Family for PLG elisa kit	Plasminogen/Plasmin/Antiplasmin; Plasminogen ELISA Kits

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-general-elisa-kits/plasminogen-total-antigen-assay/37722>