

Human Fibrinogen Degradation Product (FDP) ELISA Kit | FDP elisa kit

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CATALOG #
AAA20597

REACTIVITY
Human

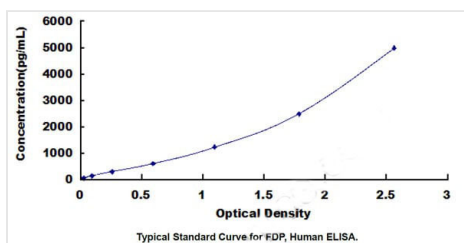
PRODUCT SYNONYMS

Fibrinogen Degradation Product (FDP); Human Fibrinogen Degradation Product (FDP) ELISA Kit; FnDP; Fibrin Split Products; Fibrin Degradation Product; FDP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FDP. No significant cross-reactivity or interference between FDP and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human plasma
Detection Range	78-5,000pg/mL
Sensitivity	< 30pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FDP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FDP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FDP elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FDP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FDP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FDP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of FDP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FDP in human plasma.
Product Categories/Family for FDP elisa kit	Metabolic pathway; Hematology; Cardiovascular biology
References	Breaking the fibrinolytic speed limit with microwheel co-delivery of tissue plasminogen activator and plasminogen; J Thromb Haemost; 2022 Feb;20(2):486-497.; PMID: 34882946; Dante Disharoon; Department of Chemical and Biological Engineering, Colorado School of Mines, Golden, Colorado, USA.

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/human-elisa-kits/fibrinogen-degradation-product-fdp/20597>