Rat Fibrinogen Degradation Product (FDP) ELISA Kit

Catalog No: #EK11602

Package Size: #EK11602-1 48T #EK11602-2 96T

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Description

Product Name	Rat Fibrinogen Degradation Product (FDP) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Rat (Rattus norvegicus)
Storage	The stability of ELISA 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. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:7.8-500 pg/mL

Sensitivity:3.5 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate FDP in samples. An antibody specific for FDP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyFDP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FDP 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 FDP bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Fibrin degradation product (FDPs), also known as fibrin split products, are components of the blood produced by clot degeneration. These are produced by the action of plasmin on deposited fibrin.The levels of these FDPs rises after any thrombotic event.It can be used to test for disseminated intravascular coagulation.

Note: This product is for in vitro research use only