

Rabbit Fibrinogen ELISA Kit | Fbg elisa kit

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CATALOG #
AAA16031

REACTIVITY
Rabbit

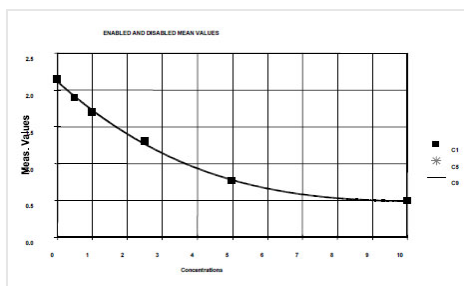
PRODUCT SYNONYMS

Fibrinogen; Rabbit Fibrinogen ELISA Kit; Fibrinogen (Rabbit); Fbg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fbg elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma

Intended Uses: This FBG/SAPK ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of FBG/SAPK in the sample, this FBG/SAPK ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus FBG/SAPK concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of FBG/SAPK utilizes a monoclonal anti-FBG/SAPK antibody and an FBG/SAPK-HRP conjugate. The assay sample and buffer are incubated together with FBG/SAPK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FBG/SAPK concentration since FBG/SAPK from samples and FBG/SAPK-HRP conjugate compete for the anti-FBG/SAPK antibody binding site. Since the number of sites is limited, as more sites are occupied by FBG/SAPK from the sample, fewer sites are left to bind FBG/SAPK-HRP conjugate. Standards of known FBG/SAPK concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of FBG/SAPK. The FBG/SAPK concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	350
NCBI GeneID	280792
UniProt Accession #	P12799
Molecular Weight	50,244 Da
NCBI Official Full Name	fibrinogen
NCBI Official Synonym Full Names	fibrinogen gamma chain<
NCBI Official Symbol	FGG
NCBI Protein Information	fibrinogen gamma-B chain; gamma'; fibrinogen, gamma polypeptide
UniProt Protein Name	Fibrinogen gamma-B chain
UniProt Gene Name	FGG
UniProt Synonym Gene Names	Gamma'
UniProt Entry Name	FIBG_BOVIN

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.