

Rat Fibrinogen ELISA Kit | Fbg elisa kit

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CATALOG #
AAA85577

REACTIVITY
Rat

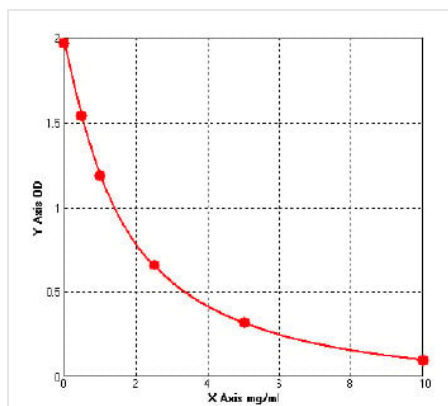
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FBG. No significant cross-reactivity or interference between FBG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBG and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 mg/ml
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fbg elisa kit	Intended Uses: This FBG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RatFBG. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: FBG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBG antibody and an FBG-HRP conjugate. The assay sample and buffer are incubated together with FBG-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 concentration since FBG from samples and FBG-HRP conjugate compete for the anti-FBG antibody binding site. Since the number of sites is limited, as more sites are occupied by FBG from the sample, fewer sites are left to bind FBG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBG concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Fbg elisa kit	Rat ELISA Kit

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.