

Bovine Fibrinogen Beta ELISA Kit | FBGbeta elisa kit

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CATALOG #
AAA89002

REACTIVITY
Bovine

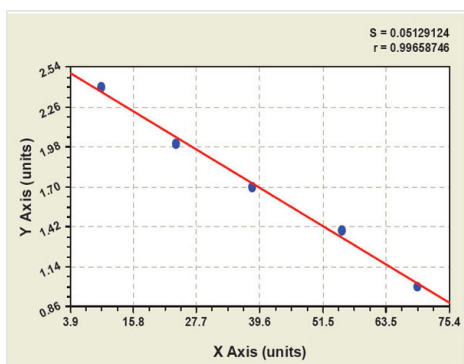
PRODUCT SYNONYMS

Fibrinogen Beta; Bovine Fibrinogen Beta ELISA Kit; FBGbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This FG? ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FG?. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBGbeta elisa kit

Principle of the assay: FG? ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FG? antibody and an FG?-HRP conjugate. The assay sample and buffer are incubated together with FG?-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 FG? concentration since FG? from samples and FG?-HRP conjugate compete for the anti-FG? antibody binding site. Since the number of sites is limited, as more sites are occupied by FG? from the sample, fewer sites are left to bind FG?-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FG? concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FBGbeta elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	70906435
NCBI GeneID	2244
NCBI Accession #	NP_005132.2
NCBI GenBank Nucleotide #	NM_005141.4
Molecular Weight	55,928 Da
NCBI Official Full Name	fibrinogen beta chain isoform 1 preproprotein
NCBI Official Synonym Full Names	fibrinogen beta chain
NCBI Official Symbol	FGB
NCBI Official Synonym Symbols	HEL-S-78p
NCBI Protein Information	fibrinogen beta chain; fibrinogen, B beta polypeptide; epididymis secretory sperm binding protein Li 78p
UniProt Protein Name	Fibrinogen beta chain
UniProt Gene Name	FGB
UniProt Entry Name	FIBB_HUMAN

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/fbgbeta-bovine-ovine-elisa-kits/fibrinogen-beta/89002>