

Porcine Fibrinogen Beta ELISA Kit | FBGbeta elisa kit

Porcine Fibrinogen Beta ELISA Kit

CATALOG #
AAA89158

REACTIVITY
Porcine

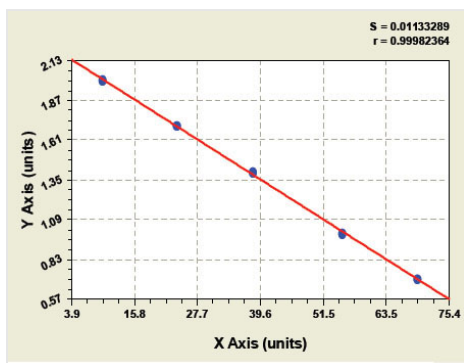
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBGbeta elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This FBG? ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FBG?. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY FBG? ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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.