

Horse Fibrinogen (Fbg) ELISA Kit | Fbg elisa kit

Horse Fibrinogen, Fbg ELISA Kit

CATALOG #
AAA80910

REACTIVITY
Horse

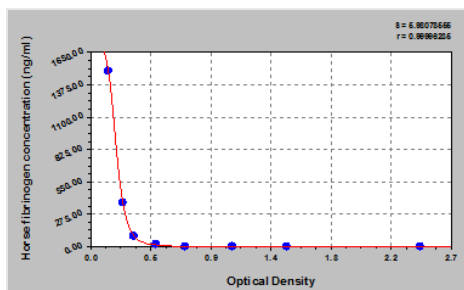
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of horse fibrinogen. No significant cross-reactivity or interference between horse fibrinogen and analogues was observed.
Sequence Length	444
Samples	Serum, plasma and urine
Assay Type	Competitive
Detection Range	23.4 ng/ml -1500 ng/ml.
Sensitivity	The minimum detectable dose of horse fibrinogen is typically less than 32.4 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest horse fibrinogen concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fbg elisa kit	Principle of the assay: This assay employs the direct competitive inhibition enzyme immunoassay technique. Antibody specific for fibrinogen has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with biotin-conjugated fibrinogen. A competitive inhibition reaction is launched between fibrinogen (Standards or samples) and biotin-conjugated fibrinogen with the pre-coated fibrinogen antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of fibrinogen bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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.