

Bovine Fibrinogen ELISA Kit | Fbg elisa kit

Bovine Fibrinogen (Fbg) ELISA Kit

CATALOG # AAA55568	REACTIVITY Bovine
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine Fbg. No significant cross-reactivity or interference between Bovine Fbg and analogues was observed.
Sequence Length	444
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.1 ug/mL - 5000 ug/mL
Sensitivity	39 ug/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for Fbg elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate Fbg in Bovine serum, plasma. An antibody specific for Fbg has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Fbg present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Fbg is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Fbg bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Bovine Fibrinogen (Fbg) concentration in serum, plasma and other biological fluids.
References	Significance of clinical variables and selected biochemical markers in predicting the outcome of bovine anaplasmosis. M. El-Ashker, M. Salama, M. El-Sebaei, E. Risha, F. Abdelhamid, M. El-Diasty, E. El-Fadle (2015)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/fbg-bovine-ovine-elisa-kits/fibrinogen/55568>