

Bovine Fibroblast Growth Factor 1 ELISA Kit | FGF1 elisa kit

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CATALOG #
AAA122941

REACTIVITY
Bovine

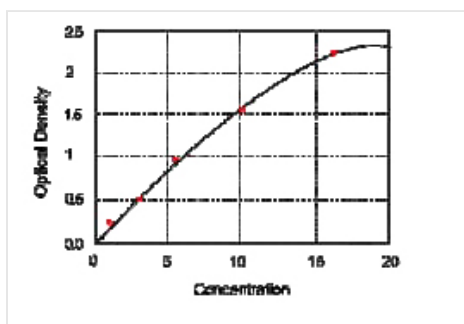
PRODUCT SYNONYMS

Fibroblast Growth Factor 1; Bovine Fibroblast Growth Factor 1 ELISA Kit; FGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	155
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05mg/ml-19mg/ml
Sensitivity	0.023mg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Fibrinogen (also known as Fbg) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine Fbg antibody. Fbg present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine Fbg Antibody is added and binds to Fbg in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Fbg antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Bovine Fbg. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503697
NCBI GeneID	2246
NCBI Accession #	NP_000791.1
NCBI GenBank Nucleotide #	NM_000800.5
UniProt Accession #	P05230
NCBI Official Full Name	fibroblast growth factor 1 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor 1
NCBI Official Symbol	FGF1
NCBI Official Synonym Symbols	AFGF; ECGF; FGFA; ECGFA; ECGFB; FGF-1; HBGF1; HBGF-1; GLIO703; ECGF-beta; FGF-alpha
NCBI Protein Information	fibroblast growth factor 1
UniProt Protein Name	Fibroblast growth factor 1
UniProt Gene Name	FGF1
UniProt Synonym Gene Names	FGFA; FGF-1; aFGF; ECGF; HBGF-1
UniProt Entry Name	FGF1_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/bovine-ovine-elisa-kits/fibroblast-growth-factor-1/122941>