

Bovine fibroblast growth factor 2 (basic) ELISA Kit | FGF2 elisa kit

Bovine Heparin-binding growth factor 2, FGF2 ELISA Kit

CATALOG #
AAA112613

REACTIVITY
Bovine

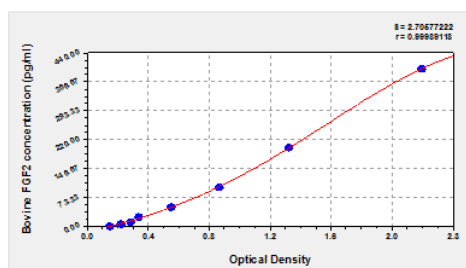
PRODUCT SYNONYMS

fibroblast growth factor 2 (basic); Bovine Heparin-binding growth factor 2; FGF2 ELISA Kit; Bovine Heparin-binding growth factor 2 (FGF2) ELISA kit; BFGF; FGFB; HBGF-2; basic fibroblast growth factor bFGF; fibroblast growth factor 2; heparin-binding growth factor 2; prostatropin; FGF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine FGF2. No significant cross-reactivity or interference between Bovine FGF2 and analogues was observed.
Sequence Length	155
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Angiogenesis
Protein Biological Process 3	Angiogenesis
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 FGF2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FGF2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGF2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGF2 is added to the wells. After washing, avidin 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 FGF2 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 #	27806627
NCBI GeneID	281161
NCBI Accession #	NP_776481.1
NCBI GenBank Nucleotide #	NM_174056.3
UniProt Accession #	P03969
Molecular Weight	17,250 Da
NCBI Official Full Name	fibroblast growth factor 2
NCBI Official Synonym Full Names	fibroblast growth factor 2 (basic)
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	FGF-2
NCBI Protein Information	fibroblast growth factor 2; BFGF; HBGF-2; basic fibroblast growth factor; heparin-binding growth factor 2
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGF-2; bFGF; HBGF-2
UniProt Entry Name	FGF2_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.

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Online datasheet: <https://stage.aaabiotech.com/fgf2-bovine-ovine-elisa-kits/fibroblast-growth-factor-2-basic/112613>