

Bovine Fibroblast Growth Factor 2 ELISA Kit | FGF-2 elisa kit

Bovine Fibroblast Growth Factor 2 ELISA Kit

CATALOG #
AAA94616

REACTIVITY
Bovine

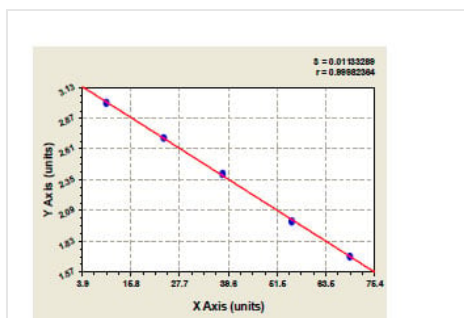
PRODUCT SYNONYMS

Fibroblast Growth Factor 2; Bovine Fibroblast Growth Factor 2 ELISA Kit; FGF-2 elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



ADDITIONAL INFORMATION

Related Product Information for FGF-2 elisa kit

Intended Uses: This FGF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FGF2. This ELISA kit for research use only!

Principle of the Assay: FGF2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FGF2 antibody and an FGF2-HRP conjugate. The assay sample and buffer are incubated together with FGF2-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 FGF2 concentration since FGF2 from samples and FGF2-HRP conjugate compete for the anti-FGF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGF2 from the sample, fewer sites are left to bind FGF2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGF2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FGF-2 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	148368937
NCBI GeneID	5184230
NCBI Accession #	YP_001257067.1
NCBI GenBank Nucleotide #	NC_009503.1
Molecular Weight	45,423 Da
NCBI Official Full Name	fgf-2
NCBI Official Symbol	fgf-2
NCBI Protein Information	fgf-2
UniProt Protein Name	Fgf-2
UniProt Gene Name	fgf-2
UniProt Synonym Gene Names	SIGVgp116
UniProt Entry Name	A5IZW8_9BBAC

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/fgf-2-bovine-ovine-elisa-kits/fibroblast-growth-factor-2/94616>