

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

Rat basic fibroblast growth factor, bFGF ELISA Kit

CATALOG #
AAA80564

REACTIVITY
Rat

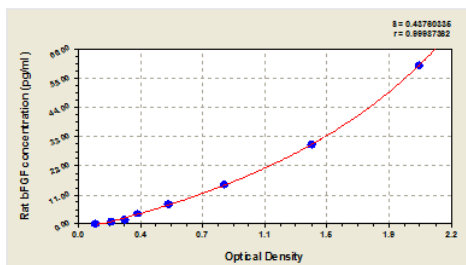
PRODUCT SYNONYMS

fibroblast growth factor 2 (basic); Rat basic fibroblast growth factor; bFGF 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of human bFGF. No significant cross-reactivity or interference between human bFGF and analogues was observed.
Sequence Length	137
Samples	Serum, Plasma, Cell Culture Supernates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	0.39 pg/ml.
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 FGF2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for bFGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any bFGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for bFGF 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 bFGF 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 #	1345992
UniProt Accession #	P48799
Molecular Weight	15,419 Da
NCBI Official Full Name	Fibroblast 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_RABIT

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-rat-elisa-kits/fibroblast-growth-factor-2-basic/80564>