

Rat basic fibroblast growth factor, bFGF ELISA Kit | bFGF elisa kit

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CATALOG #
AAA42442

REACTIVITY
Rat

PRODUCT SYNONYMS

basic fibroblast growth factor; bFGF; Rat basic fibroblast growth factor; bFGF ELISA Kit; bFGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	157
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L - 600ng/L
Sensitivity	1.13ng/L
Intra-Assay	CV<8%
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 bFGF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Basic Fibroblast Growth Factor (also known as bFGF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat bFGF antibody. bFGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat bFGF Antibody is added and binds to bFGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated bFGF 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 Rat bFGF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	183087
NCBI GeneID	2247
UniProt Accession #	P09038; O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8
Molecular Weight	22,623 Da
NCBI Official Full Name	basic fibroblast growth factor, partial
NCBI Official Synonym Full Names	fibroblast growth factor 2
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
NCBI Protein Information	fibroblast growth factor 2
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGFB; FGF-2; bFGF; HBGF-2

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/rat-elisa-kits/basic-fibroblast-growth-factor-bfgf/42442>