

Human bFGF ELISA Kit | bFGF elisa kit

Human bFGF ELISA Kit

CATALOG # AAA332535	REACTIVITY Human	APPLICATIONS ELISA
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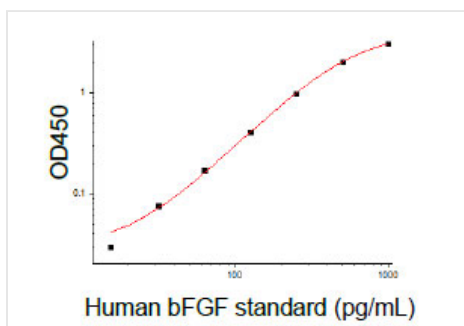
PRODUCT SYNONYMS

bFGF; Human bFGF ELISA Kit; Basic fibroblast growth factor; BFGF; FGF 2; FGF B; FGF2; FGF2 basic; FGFB; Fibroblast growth factor 2 (basic); HBGF 2; HBGF2; HBGH 2; Heparin binding growth; factor 2; Heparin binding growth factor 2 precursor; OTTMUSP00000046776; Prostatropin; bFGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human bFGF ELISA Kit has high sensitivity and excellent specificity for detection of Human bFGF. No significant cross-reactivity or interference between Human bFGF and analogues was observed
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	15.63 pg/mL-1,000 pg/mL
Sensitivity	8 pg/mL
Applicable Applications for bFGF elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for bFGF elisa kit	Principle of the Assay: FGF basic, also called FGF 2 (fibroblast growth factor 2) or HBGF 2 (heparin binding Growth factor 2), is the most intensively studied of the 22 mitogenic proteins of the FGF family. Family members share 35-60% amino acid (aa) identity, but only FGF acidic and basic lack signal peptides and are secreted by an alternate pathway. The 18 kDa FGF.Human bFGF ELISA Kit employs a double antibody sandwich method to quantitate Human bFGF in samples. An antibody specific for Human bFGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human bFGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human bFGF is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The bFGF concentration is proportional to the OD450 nm value.
Product Categories/Family for bFGF elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	56068041
NCBI GeneID	2247
UniProt Accession #	P09038; O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8
Molecular Weight	30,770 Da
NCBI Official Full Name	basic fibroblast growth factor, partial
NCBI Official Synonym Full Names	fibroblast growth factor 2 (basic)
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
NCBI Protein Information	fibroblast growth factor 2; prostatropin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGFB; FGF-2; bFGF; HBGF-2
UniProt Entry Name	FGF2_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/human-elisa-kits/bfgf/332535>