

Human bFGF/FGF2 (Basic Fibroblast Growth Factor) CLIA Kit | bFGF/FGF2 clia kit

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CATALOG #
AAA171185

REACTIVITY
Human

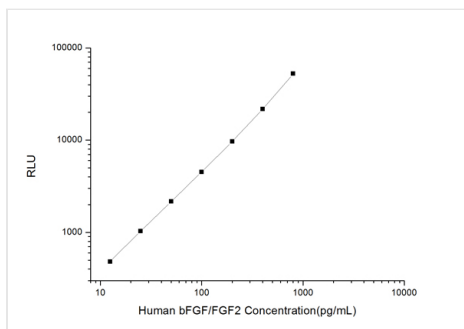
PRODUCT SYNONYMS

bFGF/FGF2 (Basic Fibroblast Growth Factor); Human bFGF/FGF2 (Basic Fibroblast Growth Factor) CLIA Kit; FGF-2; B-FGF; BFGF; FGFB; HBGF-2; prostatropin; heparin-binding growth factor 2; bFGF/FGF2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant bFGF/FGF2. No significant cross-reactivity or interference between bFGF/FGF2 and analogues was observed.
Sequence Length	157
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for bFGF/FGF2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of bFGF/FGF2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to bFGF/FGF2. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for bFGF/FGF2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain bFGF/FGF2, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of bFGF/FGF2. You can calculate the concentration of bFGF/FGF2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	183087
NCBI GeneID	2247
Molecular Weight	21,203 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
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-clia-kits/bfgf-fgf2-basic-fibroblast-growth-factor/171185>