

Human Heparin-binding growth factor 2 ELISA Kit | FGF2 elisa kit

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CATALOG #
AAA101882

REACTIVITY
Human

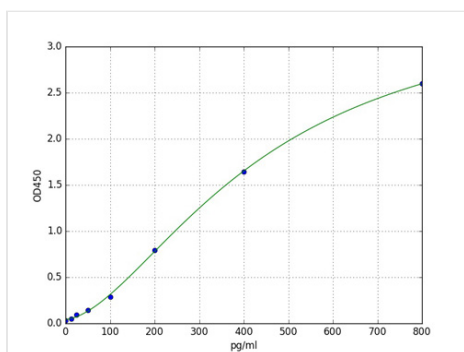
PRODUCT SYNONYMS

Heparin-binding growth factor 2; Human Heparin-binding growth factor 2 ELISA Kit; FGF2/bFGF/FGF-2/FGF2AS/GFG1/HBGH-2/NUDT6/Prostatropin/Basic fibroblast growth factor/BFGF/FGFBprostatropin/fibroblast growth factor 2 (basic)/HBGF-2/heparin-binding growth factor 2/Fibroblast Growth Factor basic/FGF basic/B-FGF/FGFB/HBGF-2/prostatropin; FGF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	155
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	12.5-800pg/ml
Sensitivity	7.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human bFGF ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	12.5	25	50	100	200	400	800
Y	OD450	0.059	0.109	0.142	0.249	0.442	0.842	1.492	2.492

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human bFGF antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human bFGF antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human bFGF amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human bFGF can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	304766528
NCBI GeneID	100033955
NCBI Accession #	NP_001182150.1
NCBI GenBank Nucleotide #	NM_001195221.1
NCBI Official Full Name	heparin-binding growth factor 2
NCBI Official Symbol	FGF2
NCBI Protein Information	heparin-binding growth factor 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/fgf2-human-elisa-kits/heparin-binding-growth-factor-2/101882>