

Human fibroblast growth factor 1 (FGF1) ELISA Kit | FGF1 elisa kit

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CATALOG #
AAA44040

REACTIVITY
Human

PRODUCT SYNONYMS

fibroblast growth factor 1 (FGF1); Human fibroblast growth factor 1 (FGF1) ELISA Kit; FGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	155
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	9.85ng/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 FGF1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Fibroblast Growth Factor 1 (also known as FGF1) 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 human FGF1 antibody. FGF1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human FGF1 Antibody is added and binds to FGF1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FGF1 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 human FGF1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1241781471
NCBI GeneID	2246
NCBI Accession #	NP_001341881.1
NCBI GenBank Nucleotide #	NM_001354952.1
UniProt Accession #	P05230; P07502; Q16588; B2R5T0; D3DQF2
Molecular Weight	6,698 Da
NCBI Official Full Name	fibroblast growth factor 1 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor 1
NCBI Official Symbol	FGF1
NCBI Official Synonym Symbols	AFGF; ECGF; FGFA; ECGFA; ECGFB; FGF-1; HBGF1; HBGF-1; GLIO703; ECGF-beta; FGF-alpha
NCBI Protein Information	fibroblast growth factor 1
UniProt Protein Name	Fibroblast growth factor 1
UniProt Gene Name	FGF1
UniProt Synonym Gene Names	FGFA; FGF-1; aFGF; ECGF; HBGF-1

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/fibroblast-growth-factor-1-fgf1/44040>