

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

Human acidic fibroblast growth factor, aFGF/FGF-1 ELISA Kit

CATALOG #
AAA80609

REACTIVITY
Human

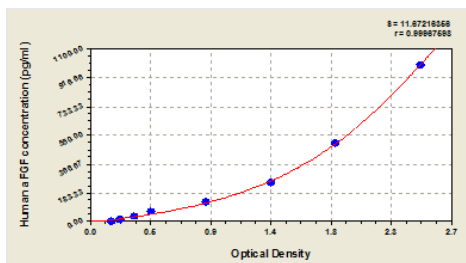
PRODUCT SYNONYMS

fibroblast growth factor 1 (acidic); Human acidic fibroblast growth factor; aFGF/FGF-1 ELISA Kit; AFGF; ECGF; ECGF-beta; ECGFA; ECGFB; FGF-alpha; FGFA; GLIO703; HBGF1; OTTHUMP00000066031; endothelial cell growth factor; alpha; beta; heparin-binding growth factor 1; FGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human aFGF. No significant cross-reactivity or interference between human aFGF and analogues was observed.
Sequence Length	155
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	Typically less than 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for aFGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any aFGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for aFGF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of aFGF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503697
NCBI GeneID	2246
NCBI Accession #	NP_000791.1
NCBI GenBank Nucleotide #	NM_000800.4
UniProt Accession #	P05230; P07502; Q16588; B2R5T0; D3DQF2
Molecular Weight	17,460 Da
NCBI Official Full Name	fibroblast growth factor 1 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor 1 (acidic)
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; heparin-binding growth factor 1; beta-endothelial cell growth factor; endothelial cell growth factor, beta; endothelial cell growth factor, alpha
UniProt Protein Name	Fibroblast growth factor 1
UniProt Gene Name	FGF1
UniProt Synonym Gene Names	FGFA; FGF-1; aFGF; ECGF; HBGF-1
UniProt Entry Name	FGF1_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/fgf1-human-elisa-kits/fibroblast-growth-factor-1-acidic/80609>