

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

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

CATALOG #
AAA14978

REACTIVITY
Mouse

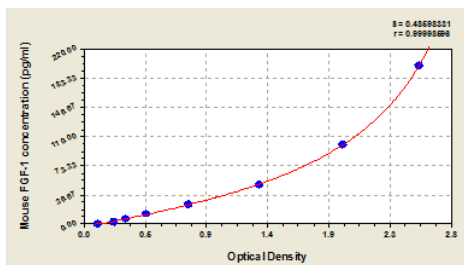
PRODUCT SYNONYMS

fibroblast growth factor 1 (acidic); Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse aFGF/FGF-1. No significant cross-reactivity or interference between mouse aFGF/FGF-1 and analogues was observed.
Sequence Length	155
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 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/FGF-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any aFGF/FGF-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for aFGF/FGF-1 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/FGF-1 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 #	6753850
NCBI GeneID	14164
NCBI Accession #	NP_034327.1
NCBI GenBank Nucleotide #	NM_010197.3
UniProt Accession #	P61148; P10935
Molecular Weight	17,418 Da
NCBI Official Full Name	fibroblast growth factor 1
NCBI Official Synonym Full Names	fibroblast growth factor 1
NCBI Official Symbol	Fgf1
NCBI Official Synonym Symbols	Fam; Fgfa; Dffrx; Fgf-1
NCBI Protein Information	fibroblast growth factor 1; aFGF; HBGF-1; acidic fibroblast growth factor; heparin-binding growth factor 1; fibroblast growth factor 1 (acidic)
UniProt Protein Name	Fibroblast growth factor 1
UniProt Gene Name	Fgf1
UniProt Synonym Gene Names	Fgf-1; Fgfa; FGF-1; aFGF; HBGF-1
UniProt Entry Name	FGF1_MOUSE

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-mouse-elisa-kits/fibroblast-growth-factor-1-acidic/14978>