

Human fibroblast growth factor 13 ELISA Kit | FGF13 elisa kit

Human fibroblast growth factor-13, FGF-13 ELISA Kit

CATALOG #
AAA79830

REACTIVITY
Human

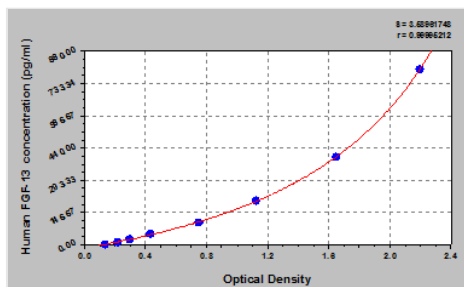
PRODUCT SYNONYMS

fibroblast growth factor 13; Human fibroblast growth factor-13; FGF-13 ELISA Kit; RP6-27P15.3; FGF2; FHF-2; FHF2; fibroblast growth factor homologous factor 2; FGF13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FGF-13. No significant cross-reactivity or interference between human FGF-13 and analogues was observed.
Sequence Length	199
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	12.5 pg/ml -800 pg/ml.
Sensitivity	The minimum detectable dose of human FGF-13 is typically less than 3.12 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 FGF13 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FGF-13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGF-13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGF-13 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 FGF-13 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 #	213417606
NCBI GeneID	2258
NCBI Accession #	NP_001132970.1
NCBI GenBank Nucleotide #	NM_001139498.1
UniProt Accession #	Q92913; O95830; Q9NZH9; Q9NZI0; B1AK18; B7Z4M7; B7Z8N0; D3DWH4
Molecular Weight	27,564 Da
NCBI Official Full Name	fibroblast growth factor 13 isoform 4
NCBI Official Synonym Full Names	fibroblast growth factor 13
NCBI Official Symbol	FGF13
NCBI Official Synonym Symbols	FGF2; FHF2; FHF-2; FGF-13
NCBI Protein Information	fibroblast growth factor 13; fibroblast growth factor homologous factor 2
UniProt Protein Name	Fibroblast growth factor 13
UniProt Gene Name	FGF13
UniProt Synonym Gene Names	FHF2; FGF-13; FHF-2
UniProt Entry Name	FGF13_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/fgf13-human-elisa-kits/fibroblast-growth-factor-13/79830>