

Human fibroblast growth factor 20 ELISA Kit | FGF20 elisa kit

Human Fibroblast growth factor 20, FGF20 ELISA Kit

CATALOG #
AAA112727

REACTIVITY
Human

PRODUCT SYNONYMS

fibroblast growth factor 20; Human Fibroblast growth factor 20; FGF20 ELISA Kit; Human Fibroblast growth factor 20 (FGF20) ELISA kit; FGF20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FGF20. No significant cross-reactivity or interference between human FGF20 and analogues was observed.
Sequence Length	211
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	12.5 pg/ml -800 pg/ml
Sensitivity	3.12 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.

ADDITIONAL INFORMATION

Related Product Information for FGF20 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FGF20 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGF20 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGF20 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 FGF20 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9789947
NCBI GeneID	26281
NCBI Accession #	NP_062825.1
NCBI GenBank Nucleotide #	NM_019851.2
UniProt Accession #	Q9NP95 ; B2RPH5
Molecular Weight	23,499 Da

NCBI Official Full Name	fibroblast growth factor 20
NCBI Official Synonym Full Names	fibroblast growth factor 20
NCBI Official Symbol	FGF20
NCBI Official Synonym Symbols	RHDA2; FGF-20
NCBI Protein Information	fibroblast growth factor 20
UniProt Protein Name	Fibroblast growth factor 20
UniProt Gene Name	FGF20
UniProt Synonym Gene Names	FGF-20
UniProt Entry Name	FGF20_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://www.aaabiotech.com/fgf20-human-elisa-kits/fibroblast-growth-factor-20/112727>