

Rat Fibroblast Growth Factor 13 (FGF13) ELISA Kit | FGF13 elisa kit

Rat Fibroblast Growth Factor 13 (FGF13) Mini Samples ELISA Kit

CATALOG #
AAA147410

REACTIVITY
Rat

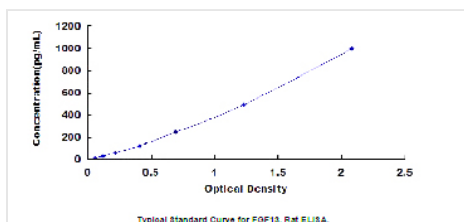
PRODUCT SYNONYMS

Fibroblast Growth Factor 13 (FGF13); Rat Fibroblast Growth Factor 13 (FGF13) Mini Samples ELISA Kit; FHF2; Fibroblast Growth Factor Homologous Factor 2; FGF13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF13. No significant cross-reactivity or interference between FGF13 and analogues was observed.
Sequence Length	192
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6-1,000pg/mL
Sensitivity	Typically less than 6.5pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF13 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FGF13 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF13 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FGF13 in rat serum, plasma and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FGF13. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FGF13. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FGF13, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FGF13 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FGF13 elisa kit	Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758168
NCBI GeneID	84488
NCBI Accession #	NP_445880.1
NCBI GenBank Nucleotide #	NM_053428.1
UniProt Accession #	Q9ERW3
Molecular Weight	21,605 Da
NCBI Official Full Name	fibroblast growth factor 13
NCBI Official Synonym Full Names	fibroblast growth factor 13
NCBI Official Symbol	Fgf13
NCBI Official Synonym Symbols	FGF-13
NCBI Protein Information	fibroblast growth factor 13
UniProt Protein Name	Fibroblast growth factor 13
UniProt Gene Name	Fgf13
UniProt Synonym Gene Names	FGF-13

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.