

Mouse Fibroblast Growth Factor 21 (FGF21) ELISA Kit | FGF21 elisa kit

Mouse Fibroblast Growth Factor 21 (FGF21) ELISA Kit

CATALOG #
AAA67091

REACTIVITY
Mouse

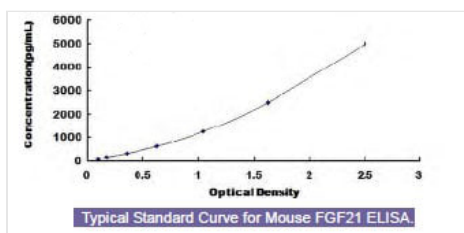
PRODUCT SYNONYMS

Fibroblast Growth Factor 21 (FGF21); Mouse Fibroblast Growth Factor 21 (FGF21) ELISA Kit; FGF21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF21. No significant cross-reactivity or interference between FGF21 and analogues was observed.
Sequence Length	210
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	39.54pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF21 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 FGF21 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF21 elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of FGF21 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to FGF21 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled FGF21 and unlabeled FGF21 (Standards or samples) with the pre-coated antibody specific to FGF21. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of FGF21 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of FGF21 in the sample.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910218
NCBI GeneID	56636
NCBI Accession #	NP_064397.1
NCBI GenBank Nucleotide #	NM_020013.4
UniProt Accession #	Q9JJN1
Molecular Weight	23,237 Da
NCBI Official Full Name	fibroblast growth factor 21
NCBI Official Synonym Full Names	fibroblast growth factor 21
NCBI Official Symbol	Fgf21
NCBI Protein Information	fibroblast growth factor 21
UniProt Protein Name	Fibroblast growth factor 21
UniProt Gene Name	Fgf21
UniProt Synonym Gene Names	FGF-21

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/fibroblast-growth-factor-21-fgf21/67091>