

Mouse Fibroblast Growth Factor 15 (FGF15) RTU ELISA Kit | FGF15 rtu elisa kit

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CATALOG #
AAA14066

REACTIVITY
Mouse

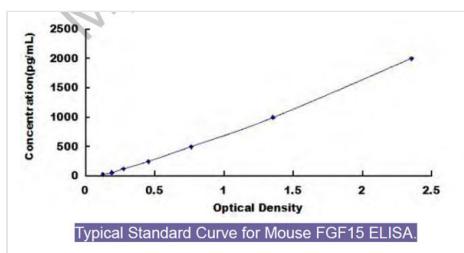
PRODUCT SYNONYMS

Fibroblast Growth Factor 15 (FGF15); Mouse Fibroblast Growth Factor 15 (FGF15) ELISA Kit; FGF15 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF15. No significant cross-reactivity or interference between FGF15 and analogues was observed.
Sequence Length	218
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	31.2-2000pg/mL
Sensitivity	< 12.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FGF15 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 FGF15 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF15 rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FGF15. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FGF15. 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 FGF15, 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 FGF15 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of FGF15 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679777
NCBI GeneID	14170
NCBI Accession #	NP_032029.1
NCBI GenBank Nucleotide #	NM_008003.2
UniProt Accession #	O35622
Molecular Weight	25,236 Da
NCBI Official Full Name	fibroblast growth factor 15
NCBI Official Synonym Full Names	fibroblast growth factor 15
NCBI Official Symbol	Fgf15
NCBI Official Synonym Symbols	FGF19
NCBI Protein Information	fibroblast growth factor 15
UniProt Protein Name	Fibroblast growth factor 15
UniProt Gene Name	Fgf15
UniProt Synonym Gene Names	FGF-15

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/mouse-rtu-elisa-kits/fibroblast-growth-factor-15-fgf15/14066>