

Rat Fibroblast Growth Factor 15 (FGF15) ELISA Kit | FGF15 elisa kit

Rat Fibroblast Growth Factor 15 (FGF15) Wide-range ELISA Kit

CATALOG #
AAA147564

REACTIVITY
Rat

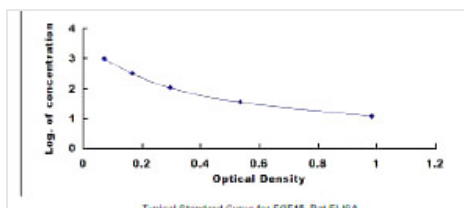
PRODUCT SYNONYMS

Fibroblast Growth Factor 15 (FGF15); Rat Fibroblast Growth Factor 15 (FGF15) Wide-range ELISA Kit; FGF15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Wide-range Fibroblast Growth Factor 15 (FGF15). No significant cross-reactivity or interference between Wide-range Fibroblast Growth Factor 15 (FGF15) and analogues was observed.
Sequence Length	218
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.1pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Wide-range Fibroblast Growth Factor 15 (FGF15) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Wide-range Fibroblast Growth Factor 15 (FGF15) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF15 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Wide-range Fibroblast Growth Factor 15 (FGF15) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Wide-range Fibroblast Growth Factor 15 (FGF15) and unlabeled Wide-range Fibroblast Growth Factor 15 (FGF15) (Standards or samples) with the pre-coated antibody specific to Wide-range Fibroblast Growth Factor 15 (FGF15). 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 Wide-range Fibroblast Growth Factor 15 (FGF15) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Wide-range Fibroblast Growth Factor 15 (FGF15) in the sample.
Product Categories/Family for FGF15 elisa kit	Human gene deletion

NCBI AND UNIPROT INFORMATION

NCBI GI #	18543367
NCBI GeneID	170582
NCBI Accession #	NP_570109.1
NCBI GenBank Nucleotide #	NM_130753.1
UniProt Accession #	Q8VI81
Molecular Weight	25,207 Da
NCBI Official Full Name	fibroblast growth factor 19
NCBI Official Synonym Full Names	fibroblast growth factor 19
NCBI Official Symbol	Fgf19
NCBI Official Synonym Symbols	Fgf15
NCBI Protein Information	fibroblast growth factor 19
UniProt Protein Name	Fibroblast growth factor
UniProt Gene Name	Fgf19
UniProt Synonym Gene Names	FGF

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/rat-elisa-kits/fibroblast-growth-factor-15-fgf15/147564>