

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

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CATALOG #
AAA121012

REACTIVITY
Rat

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	209
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1000ng/L
Sensitivity	2.62ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF21 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Fibroblast Growth Factor 21 (also known as FGF21) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat FGF21 antibody. FGF21 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat FGF21 Antibody is added and binds to FGF21 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FGF21 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat FGF21. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506597
NCBI GeneID	26291
NCBI Accession #	NP_061986.1
NCBI GenBank Nucleotide #	NM_019113.3
UniProt Accession #	Q9NSA1; Q8N683
Molecular Weight	22,300 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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/fibroblast-growth-factor-21-fgf21/121012>