

Fibroblast Growth Factor 19 (FGF19) CLIA Kit | FGF19 clia kit

CLIA Kit for Fibroblast Growth Factor 19 (FGF19)

CATALOG #
AAA129959

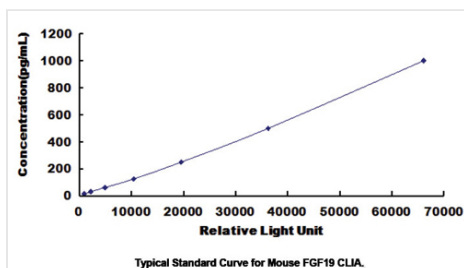
PRODUCT SYNONYMS

Fibroblast Growth Factor 19 (FGF19); CLIA Kit for Fibroblast Growth Factor 19 (FGF19); FGF19 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Fibroblast Growth Factor 19 (FGF19). No significant cross-reactivity or interference between Fibroblast Growth Factor 19 (FGF19) and analogues was observed.
Sequence Length	216
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.372-1000pg/mL. The standard curve concentrations used for the ELISA's were 1000pg/mL, 333.33pg/mL, 111.11pg/mL, 37.04pg/mL, 12.346pg/mL, 4.115pg/mL, 1.372pg/mL.
Sensitivity	The minimum detectable dose of this kit is typically less than 5.3pg/mL.
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fibroblast Growth Factor 19 (FGF19) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fibroblast Growth Factor 19 (FGF19) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Mus musculus (Mouse)
Assay Length	4.5 hours
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 FGF19 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Fibroblast Growth Factor 19 (FGF19) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826726
NCBI GeneID	9965
NCBI Accession #	NP_005108.1
NCBI GenBank Nucleotide #	NM_005117.2
UniProt Accession #	O95750
Molecular Weight	24,003 Da
NCBI Official Full Name	fibroblast growth factor 19
NCBI Official Synonym Full Names	fibroblast growth factor 19
NCBI Official Symbol	FGF19
NCBI Protein Information	fibroblast growth factor 19; FGF-19
UniProt Protein Name	Fibroblast growth factor 19
UniProt Gene Name	FGF19
UniProt Synonym Gene Names	FGF-19
UniProt Entry Name	FGF19_HUMAN

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.