

Human Fibroblast Growth Factor 19 ELISA Kit | FGF19 elisa kit

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CATALOG #
AAA87329

REACTIVITY
Human

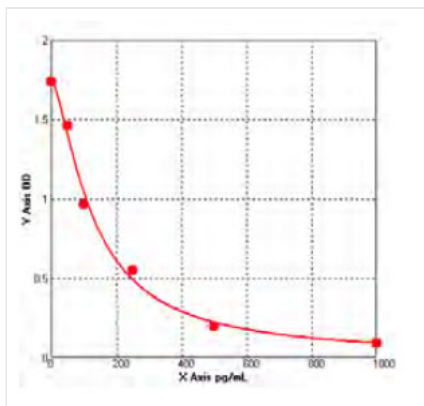
PRODUCT SYNONYMS

Fibroblast Growth Factor 19; Human Fibroblast Growth Factor 19 ELISA Kit; FGF19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FGF19. No significant cross-reactivity or interference between FGF19 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FGF19 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGF19 elisa kit	Principle of the Assay: FGF19 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-FGF19 antibody and an FGF19-HRP conjugate. The assay sample and buffer are incubated together with FGF19-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FGF19 concentration since FGF19 from samples and FGF19-HRP conjugate compete for the anti-FGF19 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGF19 from the sample, fewer sites are left to bind FGF19-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGF19 concentration in each sample is interpolated from this standard curve. Intended Uses: This FGF19 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FGF19. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FGF19 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826726
NCBI GeneID	9965
NCBI Accession #	NP_005108.1
NCBI GenBank Nucleotide #	NM_005117.2
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	UNQ334/PRO533; 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.

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Online datasheet: <https://www.aaabiotech.com/fgf19-human-elisa-kits/fibroblast-growth-factor-19/87329>