FGF21 (Human) ELISA Kit

Catalog # KA1849 Size 1 Kit

Specification

Product Description	FGF21 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human FGF21.
Suitable Sample	Cell Culture Samples, Plasma, Serum
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.031 to 2.00 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — FGF21

Entrez GeneID	26291
Gene Name	FGF21
Gene Alias	-

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Gene Description	fibroblast growth factor 21
Omim ID	609436
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The function of this growth factor has not yet been determined. [provided by RefSeq
Other Designations	-

Publication Reference

- Low serm Fibroblast Growth Factor-21 levels is not associated with Carotid intima-media thickness in acromegaly patients.

  M M Uygur, D Dereli Yazıcı, D Gogas Yavuz.

  Journal of Endocrinological Investigation 2022 Jul; 45(7):1405.

  Application: Quant, Human, Serum

- Fibroblast growth factor-21 is a potential diagnostic factor for patients with gestational diabetes mellitus.

  Xu C, Han Z, Li P, Li X.

  Experimental and Therapeutic Medicine 2018 Aug; 16(2):1397.

  Application: Quant, Human, Human serum

- Plasma FGF21 concentrations, adipose fibroblast growth factor receptor-1 and β-klotho expression decrease with fasting in northern elephant seals.

  Suzuki M, Lee AY, Vazquez-Medina JP, Viscarra JA, Crocker DE, Ortiz RM.

  General and Comparative Endocrinology 2015 May; 216:86.

  Application: ELISA, Northern elephant seal, Plasma

Pathway

- MAPK signaling pathway
- Melanoma
- Pathways in cancer
- Regulation of actin cytoskeleton

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