

ARG82296 Mouse FGF21 (High sensitive) ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82296 Mouse FGF21 (High sensitive) ELISA Kit is a high sensitive Enzyme Immunoassay kit for the quantification of Mouse FGF21 in serum, plasma and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	FGF21
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1.9 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	3.9 - 250 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	Fibroblast growth factor 21; FGF-21

Application Instructions

Assay Time	~ 3.5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FGF21
Gene Full Name	fibroblast growth factor 21
Background	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, Jul 2008]
Function	Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter

SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity requires the presence of KLB. [UniProt]

Highlight

Related products:

[FGF21 antibodies](#); [FGF21 ELISA Kits](#); [FGF21 recombinant proteins](#);

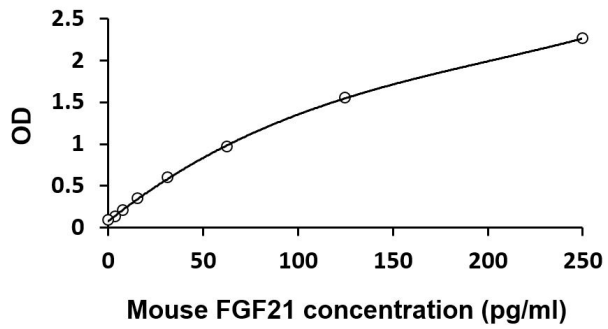
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Cellular Localization

Secreted. [UniProt]

Images



ARG82296 Mouse FGF21 (High sensitive) ELISA Kit standard curve image

ARG82296 Mouse FGF21 (High sensitive) ELISA Kit results of a typical standard run with optical density reading at 450 nm.