

ARG82056
Human FGFBP1 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	Human FGFBP1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human FGFBP1 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	FGFBP1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	11.7 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	23.4 - 1500 pg/ml
Sample Volume	100 µl
Alternate Names	Fibroblast growth factor-binding protein 1; 17 kDa heparin-binding growth factor-binding protein; FGF-BP; FGF-binding protein 1; HBp17; FGFBP; 17 kDa HBGF-binding protein; FGFBP-1; HBP17; FGF-BP1

Application Instructions

Assay Time	4.5 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	FGFBP1
Gene Full Name	fibroblast growth factor binding protein 1
Background	This gene encodes a secreted fibroblast growth factor carrier protein. The encoded protein plays a critical role in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. The encoded protein may also play a role in tumor growth as an angiogenic switch molecule, and expression of this gene has been associated with several types of cancer including pancreatic and colorectal adenocarcinoma. A pseudogene of this gene is also located on the short arm of chromosome 4. [provided by RefSeq, Nov 2011]
Function	Acts as a carrier protein that release fibroblast-binding factors (FGFs) from the extracellular matrix (EM) storage and thus enhance the mitogenic activity of FGFs. Enhances FGF2 signaling during tissue repair,

angiogenesis and in tumor growth. [UniProt]

Highlight

Related products:

[FGFBP1 antibodies](#); [FGFBP1 ELISA Kits](#);

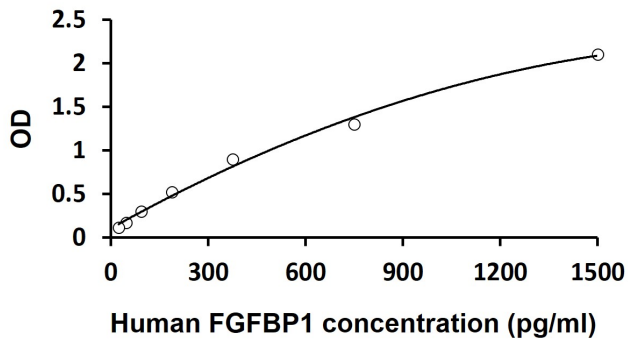
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Cellular Localization

Secreted, extracellular space. Cell membrane; Peripheral membrane protein. Note=Extracellular and plasma membrane-associated. Colocalizes with HSPG2 in the pericellular environment of squamous cell carcinomas. [UniProt]

Images



ARG82056 Human FGFBP1 ELISA Kit standard curve image

ARG82056 Human FGFBP1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.