

ARG81356 Human HDGF ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81356 Human HDGF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human HDGF in serum, plasma and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	HDGF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	less than 30 pg/ml
Sample Type	Serum, plasma and cell culture supernatant.
Standard Range	78 - 5000 pg/ml
Sample Volume	50 µl
Alternate Names	HMG1L2; HMG-1L2; HDGF; High mobility group protein 1-like 2; Hepatoma-derived growth factor

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	HDGF
Gene Full Name	hepatoma-derived growth factor
Background	HDGF is a member of the hepatoma-derived growth factor family. The encoded protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation. High levels of expression of this gene enhance the growth of many tumors. This gene was thought initially to be located on chromosome X; however, that location has been determined to correspond to a related pseudogene. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jan 2016]
Function	HDGF Isoform 1: Acts as a transcriptional repressor (PubMed:17974029). Has mitogenic activity for fibroblasts (PubMed:11751870, PubMed:26845719). Heparin-binding protein (PubMed:15491618).

Isoform 2: Does not have mitogenic activity for fibroblasts (PubMed:26845719). Does not bind heparin (PubMed:26845719).

Isoform 3: Has mitogenic activity for fibroblasts (PubMed:26845719). Heparin-binding protein (PubMed:26845719). [UniProt]

Highlight

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

Related news:

[The most sensitive human HDGF ELISA kit](#)

[The role of HDGF in tumor angiogenesis](#)

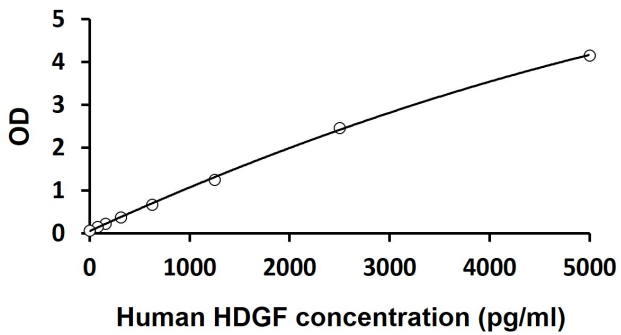
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

PTM

Sumoylated with SUMO1. Sumoylation prevents binding to chromatin. [UniProt]

Images



ARG81356 Human HDGF ELISA Kit standard curve image

ARG81356 Human HDGF ELISA Kit results of a typical standard run with optical density reading at 450 nm.