

ARG81265 Human LIF ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81265 Human LIF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human LIF in serum, plasma or cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	LIF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7 pg/ml
Sample Type	Serum, plasma or cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Alternate Names	LIF; Leukemia inhibitory factor; Emfilermin; CDF; DIA; Differentiation-stimulating factor; MLPLI; HILDA; Melanoma-derived LPL inhibitor; D 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	LIF
Gene Full Name	leukemia inhibitory factor
Background	The protein encoded by this gene is a pleiotropic cytokine with roles in several different systems. It is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012]
Function	LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of

neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes. [UniProt]

Highlight

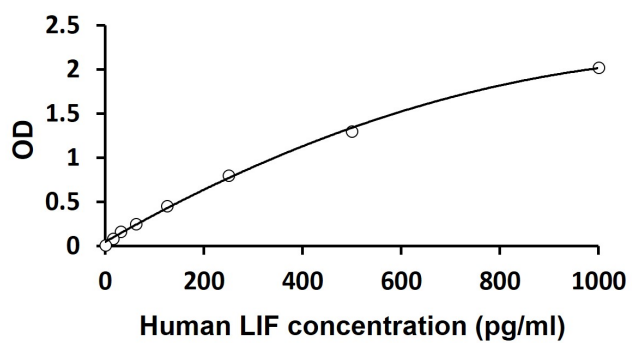
Related products:

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

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Images



ARG81265 Human LIF ELISA Kit standard curve image

ARG81265 Human LIF ELISA Kit results of a typical standard run with optical density reading at 450 nm.