

Human Leukemia inhibitory factor, LIF ELISA Kit | LIF elisa kit

Human Leukemia inhibitory factor, LIF ELISA Kit

CATALOG #
AAA41311

REACTIVITY
Human

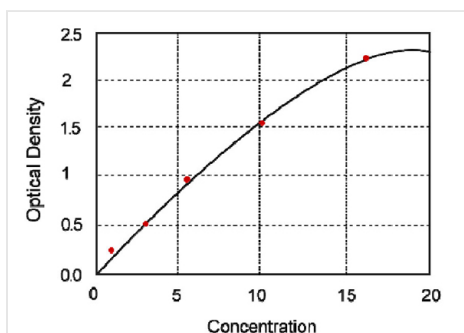
PRODUCT SYNONYMS

Leukemia inhibitory factor; LIF; Human Leukemia inhibitory factor; LIF ELISA Kit; LIF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	202
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-1000ng/L
Sensitivity	2.39ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIF elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human LIF antibody. LIF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human LIF Antibody is added and binds to LIF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LIF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human LIF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Leukemia inhibitory factor (also known as LIF) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	178415
NCBI GeneID	3976
UniProt Accession #	P15018; Q52LZ2; B2RCW7; B5MC23
Molecular Weight	9,563 Da
NCBI Official Full Name	leukemia inhibitory factor
NCBI Official Synonym Full Names	LIF, interleukin 6 family cytokine
NCBI Official Symbol	LIF
NCBI Official Synonym Symbols	CDF; DIA; HILDA; MLPLI
NCBI Protein Information	leukemia inhibitory factor
UniProt Protein Name	Leukemia inhibitory factor
UniProt Gene Name	LIF
UniProt Synonym Gene Names	HILDA; LIF; D factor; MLPLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/leukemia-inhibitory-factor-lif/41311>