

Sheep Leukemia Inhibitory Factor (LIF) ELISA Kit | LIF elisa kit

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CATALOG #
AAA122782

REACTIVITY
Sheep

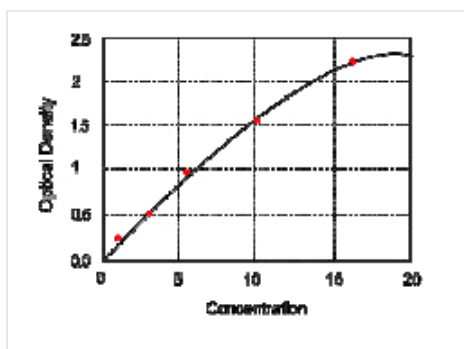
PRODUCT SYNONYMS

Leukemia Inhibitory Factor (LIF); Sheep Leukemia Inhibitory Factor (LIF) ELISA Kit; LIF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	202
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/mL-400ng/mL
Sensitivity	0.52ng/mL
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	Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Leptin (also known as LEP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep LEP antibody. LEP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep LEP Antibody is added and binds to LEP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LEP 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 Sheep LEP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504991
NCBI GeneID	3976
NCBI Accession #	NP_002300.1
NCBI GenBank Nucleotide #	NM_002309.5
UniProt Accession #	P15018
NCBI Official Full Name	leukemia inhibitory factor isoform 1
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
UniProt Entry Name	LIF_HUMAN

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.