

Rat Leukemia inhibitory factor ELISA Kit | Lif elisa kit

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CATALOG #
AAA193375

REACTIVITY
Rat

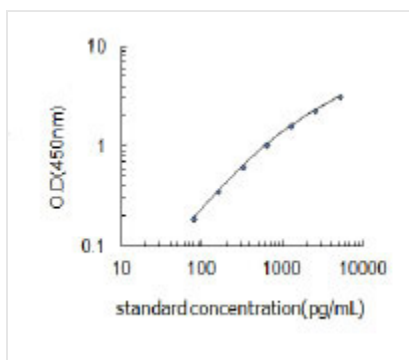
PRODUCT SYNONYMS

Leukemia inhibitory factor; Rat Leukemia inhibitory factor ELISA Kit; LIF; Cholinergic neuronal differentiation factor; Lif; Lif elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat LIF
Sequence Length	202
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	<40.5 pg/mL
Intra-assay Precision	Intra-Assay CV: <=5.3%
Inter-assay Precision	Inter-Assay CV: <=9.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lif elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126281
NCBI GeneID	60584
UniProt Accession #	P17777
Molecular Weight	22,113 Da
NCBI Official Full Name	Leukemia inhibitory factor
NCBI Official Synonym Full Names	leukemia inhibitory factor
NCBI Official Symbol	Lif
NCBI Protein Information	leukemia inhibitory factor
UniProt Protein Name	Leukemia inhibitory factor
UniProt Gene Name	Lif
UniProt Synonym Gene Names	LIF
UniProt Entry Name	LIF_RAT

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.