

Rat leukemia inhibitory factor (cholinergic differentiation factor) ELISA Kit | LIF elisa kit

Rat leukemia inhibitory factor, LIF ELISA Kit

CATALOG #
AAA80724

REACTIVITY
Rat

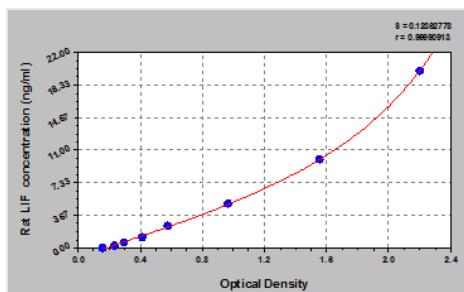
PRODUCT SYNONYMS

leukemia inhibitory factor (cholinergic differentiation factor); Rat leukemia inhibitory factor; LIF ELISA Kit; CDF; DIA; HILDA; D factor; cholinergic differentiation factor; differentiation inhibitory activity; differentiation stimulating factor; LIF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat LIF. No significant cross-reactivity or interference between rat LIF and analogues was observed.
Sequence Length	202
Samples	Serum, plasma, bronchoalveolar lavage fluid, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIF elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LIF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LIF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LIF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LIF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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; cholinergic neuronal differentiation factor; leukemia inhibitory factor (cholinergic differentiation 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.

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Online datasheet: <https://www.aaabiotech.com/lif-rat-elisa-kits/leukemia-inhibitory-factor-cholinergic-differentiation-factor/80724>