

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

Human Leukemia inhibitory factor, LIF ELISA Kit

CATALOG #  
**AAA79826**

REACTIVITY  
**Human**

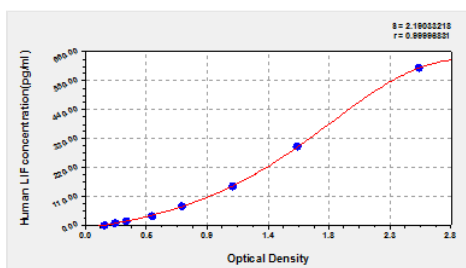
## PRODUCT SYNONYMS

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

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human LIF. No significant cross-reactivity or interference between Human LIF and analogues was observed.                                                                                                                                       |
| Sequence Length         | 88                                                                                                                                                                                                                                                                                                                        |
| Samples                 | Serum, plasma, cell culture supernates, tissue homogenates                                                                                                                                                                                                                                                                |
| Detection Range         | 9.375 pg/ml-600 pg/ml                                                                                                                                                                                                                                                                                                     |
| Sensitivity             | 2.34 pg/ml                                                                                                                                                                                                                                                                                                                |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV% is less than 8%<br>Three samples of known concentration were tested twenty times on one plate to assess.<br>Inter-assay Precision (Precision between assays): CV% is less than 10%<br>Three samples of known concentration were tested in twenty assays to assess. |
| Detection Wavelength    | 450 nm                                                                                                                                                                                                                                                                                                                    |
| Sample Volume           | 50-100ul                                                                                                                                                                                                                                                                                                                  |
| 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)

## NCBI AND UNIPROT INFORMATION

|                  |                |
|------------------|----------------|
| NCBI GI #        | 380418324      |
| NCBI GeneID      | 3976           |
| NCBI Accession # | NP_001244064.1 |

|                                  |                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_001257135.1                                                                                                                                                                                                                                                                       |
| UniProt Accession #              | P15018; Q52LZ2; B2RCW7; B5MC23                                                                                                                                                                                                                                                       |
| Molecular Weight                 | 22,008 Da                                                                                                                                                                                                                                                                            |
| NCBI Official Full Name          | leukemia inhibitory factor isoform 2                                                                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | leukemia inhibitory factor                                                                                                                                                                                                                                                           |
| NCBI Official Symbol             | LIF                                                                                                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | CDF; DIA; HILDA; MLPLI                                                                                                                                                                                                                                                               |
| NCBI Protein Information         | leukemia inhibitory factor; D factor; human interleukin in DA cells; melanoma-derived LPL inhibitor; differentiation-inducing factor; hepatocyte-stimulating factor III; cholinergic differentiation factor; differentiation-stimulating factor; differentiation inhibitory activity |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/lif-human-elisa-kits/leukemia-inhibitory-factor-cholinergic-differentiation-factor/79826>