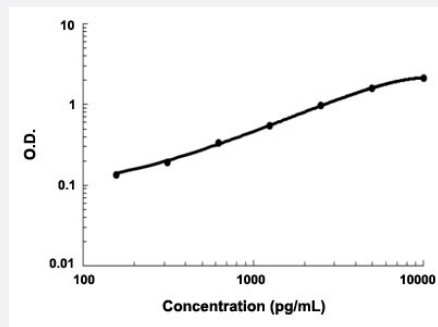


LIFR (Human) ELISA Kit

Catalog # KA4251 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	LIFR (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human LIFR.
Suitable Sample	Cell culture supernates, Cell Lysates, Plasma (EDTA, heparin), Serum and Tissue Homogenates
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10,000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — LIFR

Entrez GeneID [3977](#)

Gene Name LIFR

Gene Alias CD118, FLJ98106, FLJ99923, LIF-R, SJS2, STWS, SWS

Gene Description leukemia inhibitory factor receptor alpha

Omim ID [151443](#) [601559](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that belongs to the type I cytokine receptor family. This protein combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, a polyfunctional cytokine that is involved in cellular differentiation, proliferation and survival in the adult and the embryo. Mutations in this gene cause Schwartz-Jampel syndrome type 2, a disease belonging to the group of the bent-bone dysplasias. A translocation that involves the promoter of this gene, t(5;8)(p13;q12) with the pleiomorphic adenoma gene 1, is associated with salivary gland pleiomorphic adenoma, a common type of benign epithelial tumor of the salivary gland. Multiple splice variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations CD118 antigen|leukemia inhibitory factor receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)