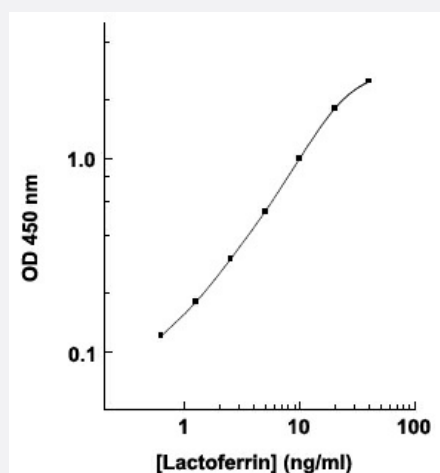


LTF (Human) ELISA Kit

Catalog # KA0484

Size 1 Kit

Applications



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

Specification

Product Description	LTF (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human LTF.
Suitable Sample	Cell Culture Supernatant, Cell Lysate, CSF, Milk, Plasma, Saliva, Serum, Urine
Sample Volume	50 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.625 to 40 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — LTF

Entrez GeneID [4057](#)

Gene Name LTF

Gene Alias GIG12, HLF2, LF

Gene Description lactotransferrin

Omim ID [150210](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the transferrin family of genes and its protein product is found in the secondary granules of neutrophils. The protein is a major iron-binding protein in milk and body secretions with an antimicrobial activity, making it an important component of the non-specific immune system. The protein demonstrates a broad spectrum of properties, including regulation of iron homeostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, regulation of cellular growth and differentiation and protection against cancer development and metastasis. [provided by RefSeq]

Other Designations growth-inhibiting protein 12|lactoferrin|neutrophil lactoferrin|talalactoferrin

Publication Reference

- [Tear Proteomics Study of Dry Eye Disease: Which Eye Do You Adopt as the Representative Eye for the Study?](#)

Ming-Tse Kuo, Po-Chiung Fang, Shu-Fang Kuo, Alexander Chen, Yu-Ting Huang.

International Journal of Molecular Sciences 2021 Jan; 22(1):422.

Application: Quant, Human, Human tear samples

- [Antiinflammatory activities of lactoferrin.](#)

Conneely OM.

Journal of the American College of Nutrition 2001 Oct; 20(5 Suppl):389S.

Application: Quant, Human, Human serum

- [Antibacterial activity of lactoferrin and a pepsin-derived lactoferrin peptide fragment.](#)

Yamauchi K, Tomita M, Giehl TJ, Ellison RT 3rd.

Infection and Immunity 1993 Feb; 61(2):719.

Disease

- [Abortion](#)
- [Aggressive Periodontitis](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Chorioamnionitis](#)
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