Human Lactoferrin,LTF/LF ELISA kit

Product Code	CSB-E08831h
Protein Biological Process 2	Anion transport
Abbreviation	LTF
Protein Biological Process 1	Transport
Target Name	lactotransferrin
Uniprot No.	P02788
Alias	GIG12, HLF2, LF, growth-inhibiting protein 12|lactoferrin|neutrophil lactoferrin|talalactoferrin
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Ion transport
Sample Types	breast milk
Detection Range	0.78 μg/mL-50 μg/mL
Sensitivity	0.78 μg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cancer
Gene Names	LTF
Tag Info	quantitative
Protein Description	Competitive
Description	This Human LTF ELISA Kit was designed for the quantitative measurement of Human LTF protein in breast milk. It is a Competitive ELISA kit, its detection range is 0.78 μg/mL-50 μg/mL and the sensitivity is 0.78 μg/mL .
Target Details	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

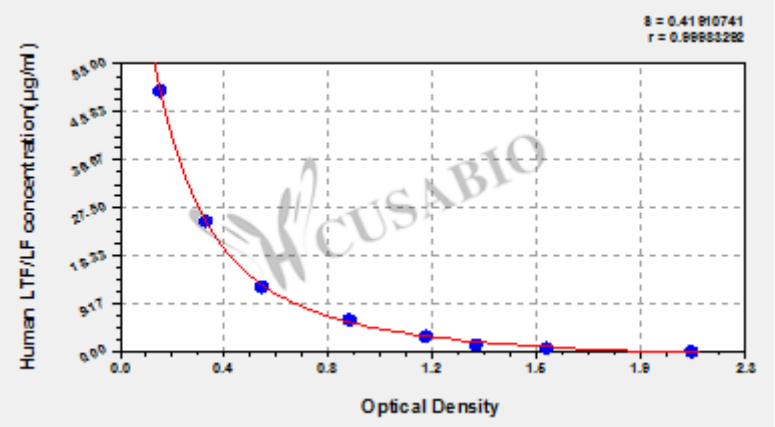
homeostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, regulation of cellular growth and differentiation and protection against cancer development and metastasis.

Product 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 (Precision between assays): CV%<10%
Three samples of known concentration were tested in twenty assays to assess.

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ug/ml	OD1	OD2	Average
50	0.156	0.165	0.161
25	0.335	0.320	0.328
12.5	0.544	0.518	0.531
6.25	0.836	0.863	0.850
3.12	1.155	1.100	1.128
1.56	1.324	1.300	1.312
0.78	1.557	1.578	1.568
0	2.029	2.160	2.095