



# Bovine Lactoferrin,LTF/LF ELISA kit

<b>Product Code</b>	CSB-E11289b
<b>Abbreviation</b>	LTF
<b>Protein Biological Process 1</b>	Transport
<b>Uniprot No.</b>	P24627
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Sample Types</b>	milk
<b>Detection Range</b>	0.078 µg/ml-5 µg/ml
<b>Sensitivity</b>	0.078 µg/ml
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Cancer
<b>Gene Names</b>	LTF
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Competitive

## Description

The Bovine Lactoferrin (LTF/LF) ELISA Kit provides a quantitative approach to detecting bovine LTF in milk. Featuring a detection range of 0.078 µg/mL-5 µg/mL and a sensitivity of 0.078 µg/mL, the kit uses a competitive detection mechanism. In this mechanism, the LTF in the sample competes with a labeled LTF for binding to a limited number of antibody sites, creating an inverse relationship between the concentration of LTF in the sample and the assay signal, thus enabling precise quantification. The kit requires 50-100 µL of sample, has an assay time of 1-5 hours, and detects results at 450 nm. This bovine LTF ELISA kit has been included in several scientific papers.