

Bovine lactotransferrin ELISA Kit | LTF elisa kit

Bovine Lactoferrin, LTF/LF ELISA Kit

CATALOG #
AAA80585

REACTIVITY
Bovine

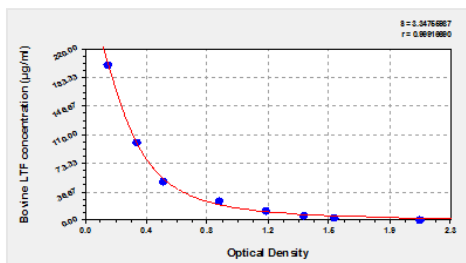
PRODUCT SYNONYMS

lactotransferrin; Bovine Lactoferrin; LTF/LF ELISA Kit; LTF/LF ELISA kit; GIG12; HLF2; LF; growth-inhibiting protein 12; lactoferrin; neutrophil lactoferrin; talalactoferrin; LTF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine LTF. No significant cross-reactivity or interference between bovine LTF and analogues was observed.
Sequence Length	708
Assay Type	Competitive
Samples	Milk
Detection Range	0.078 ug/ml-5 ug/ml
Sensitivity	< 0.078 ug/ml
Intra-assay 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	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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)

ADDITIONAL INFORMATION

Related Product Information for LTF elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to LTF. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated LTF. The competitive inhibition reaction is launched between with HRP-conjugated LTF and LTF in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LTF in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30794292
NCBI GeneID	280846
NCBI Accession #	NP_851341.1
NCBI GenBank Nucleotide #	NM_180998.2
UniProt Accession #	P24627; Q1JQC9; Q29629; Q6LEC7; Q9MZY3
Molecular Weight	78,056 Da
NCBI Official Full Name	lactotransferrin
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	Lf
NCBI Protein Information	lactotransferrin; lactoferrin
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	LTF
UniProt Synonym Gene Names	Lactoferrin; Lfcin-B
UniProt Entry Name	TRFL_BOVIN

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/ltf-bovine-ovine-elisa-kits/lactotransferrin/80585>