

Mouse lactotransferrin ELISA Kit | LTF elisa kit

Mouse Lactoferrin, LTF/LF ELISA Kit

CATALOG #
AAA80579

REACTIVITY
Mouse

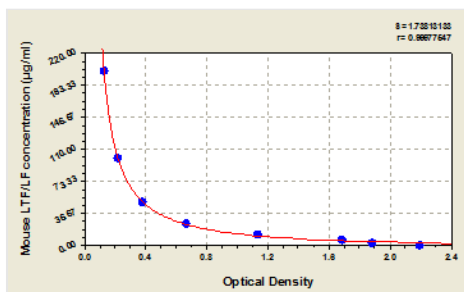
PRODUCT SYNONYMS

lactotransferrin; Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse LTF. No significant cross-reactivity or interference between Mouse LTF and analogues was observed.
Sequence Length	707
Samples	Serum, plasma, breast milk
Assay Type	Competitive
Detection Range	3.12 ug/ml-200 ug/ml
Sensitivity	3.12 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transport
Protein Biological Process 2	Anion transport
Protein Biological Process 3	Ion transport
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/LF. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated LTF/LF. The competitive inhibition reaction is launched between with HRP-conjugated LTF/LF and LTF/LF in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LTF/LF in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31560677
NCBI GeneID	17002
NCBI Accession #	NP_032548.2
NCBI GenBank Nucleotide #	NM_008522.3
UniProt Accession #	P08071; P70690; Q61799; Q8CBA0; Q922P2
Molecular Weight	77,838 Da
NCBI Official Full Name	lactotransferrin
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	Ltf
NCBI Official Synonym Symbols	Lf; Csp82; Ms10r; MMS10R
NCBI Protein Information	lactotransferrin; N lobe; lactoferrin; minisatellite 10r detected by probe MMS10
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	Ltf
UniProt Synonym Gene Names	Lactoferrin
UniProt Entry Name	TRFL_MOUSE

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.