

Goat Lactoferrin (LTF, LF) ELISA Kit | LF elisa kit

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CATALOG #
AAA121686

REACTIVITY
Goat

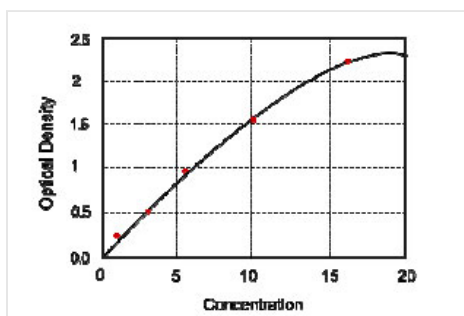
PRODUCT SYNONYMS

Lactoferrin (LTF; LF); Goat Lactoferrin (LTF; LF) ELISA Kit; LF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Sequence Length	475
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ug/ml - 3500ug/ml
Sensitivity	10.09ug/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Goat Lactoferrin (also known as LTF/LF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Goat LTF/LF antibody. LTF/LF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Goat LTF/LF Antibody is added and binds to LTF/LF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LTF/LF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Goat LTF/LF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2104522
NCBI GeneID	4057
Molecular Weight	73,161 Da
NCBI Official Full Name	lactoferrin, partial
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	LF; HLF2; GIG12; HEL110
NCBI Protein Information	lactotransferrin
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	LTF
UniProt Synonym Gene Names	GIG12; LF; Lactoferrin; Lfcin-H

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/goat-elisa-kits/lactoferrin-ltf-lf/121686>