

Canine Lactoferrin, LTF/LF ELISA Kit | LTF/LF elisa kit

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CATALOG #
AAA123752

REACTIVITY
Canine

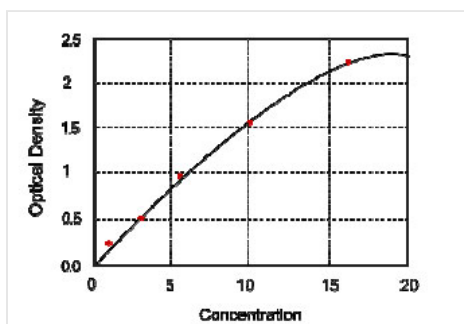
PRODUCT SYNONYMS

Lactoferrin; LTF/LF; Canine Lactoferrin; LTF/LF ELISA Kit; LTF/LF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	475
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.5-200ng/ml
Sensitivity	0.27ng/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 LTF/LF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Lactoferrin (also known as LTF) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine LTF antibody. LTF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine LTF Antibody is added and binds to LTF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LTF 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 Canine LTF. 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
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

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/canine-elisa-kits/lactoferrin-ltf-lf/123752>