

GuineaPig Lactoferrin ELISA Kit | LTF/LF elisa kit

Guinea Pig Lactoferrin ELISA Kit

CATALOG #
AAA87943

REACTIVITY
GuineaPig

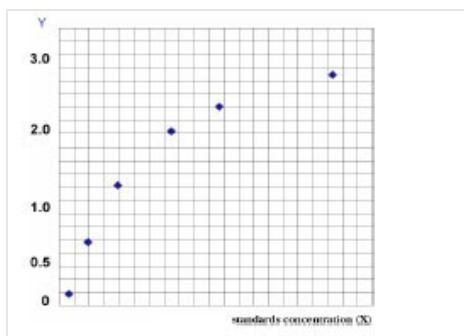
PRODUCT SYNONYMS

Lactoferrin; Guinea Pig Lactoferrin ELISA Kit; Guinea Pig Pig Lactoferrin ELISA Kit; Lactoferrin (Guinea Pig Pig); LTF/LF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	GuineaPig
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTF/LF elisa kit

Intended Uses: This LTF/LF ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of LTF/LF in the sample, this LTF/LF ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus LTF/LF concentration. The concentration of LTF/LF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This LTF/LF enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for LTF/LF. Standards or samples are then added to the microtiter plate wells and LTF/LF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of LTF/LF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for LTF/LF are added to each well to "sandwich" the LTF/LF immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain LTF/LF and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

Product Categories/Family for LTF/LF elisa kit

Guinea Pig ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	312433998
NCBI GeneID	4057
NCBI Accession #	NP_001186078.1
NCBI GenBank Nucleotide #	NM_001199149.1
UniProt Accession #	P02788; O00756; Q16780; Q16785; Q16786; Q16789; Q8IU92; Q8IZH6; Q8TCD2; Q96KZ4; Q96KZ5; Q9H1Z3; Q19KS2; Q2TUW9; Q5DSM0; Q5EK51; Q8IWS6; Q8IX02
Molecular Weight	78,182 Da
NCBI Official Full Name	lactotransferrin isoform 2
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	LF; HLF2; GIG12
NCBI Protein Information	lactotransferrin; talalactoferrin; OTTHUMP00000209779; OTTHUMP00000209780; OTTHUMP00000209781; neutrophil lactoferrin; growth-inhibiting protein 12
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	LTF
UniProt Synonym Gene Names	LF
UniProt Entry Name	TRFL_HUMAN

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-lf-pig-elisa-kits/lactoferrin/87943>