

Monkey Lactoferrin ELISA Kit | LF elisa kit

Monkey Lactoferrin ELISA Kit

CATALOG #
AAA93096

REACTIVITY
Monkey

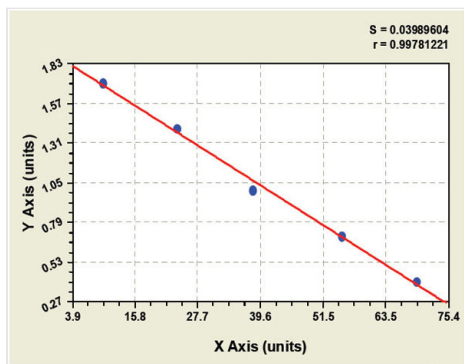
PRODUCT SYNONYMS

Lactoferrin; Monkey Lactoferrin ELISA Kit; LF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This LF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey LF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LF elisa kit

Principle of the Assay: LF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LF antibody and an LF-HRP conjugate. The assay sample and buffer are incubated together with LF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LF concentration since LF from samples and LF-HRP conjugate compete for the anti-LF antibody binding site. Since the number of sites is limited, as more sites are occupied by LF from the sample, fewer sites are left to bind LF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LF concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187122
NCBI GeneID	4057
Molecular Weight	73,161 Da
NCBI Official Full Name	lactoferrin
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	LF; HLF2; GIG12; HEL110
NCBI Protein Information	lactotransferrin; talalactoferrin; neutrophil lactoferrin; growth-inhibiting protein 12; epididymis luminal protein 110
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	LTF
UniProt Synonym Gene Names	GIG12; LF; Lactoferrin; Lfcin-H
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/lf-monkey-elisa-kits/lactoferrin/93096>