

Chicken Lactoferrin ELISA Kit | LF elisa kit

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CATALOG #
AAA91310

REACTIVITY
Chicken

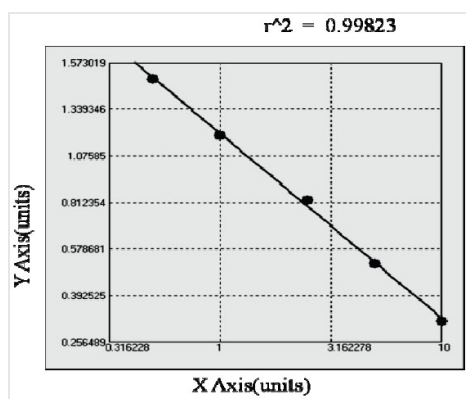
PRODUCT SYNONYMS

Lactoferrin; Chicken Lactoferrin ELISA Kit; LF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 mmol/L
Intended Uses	This LA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken LA. 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: LA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LA antibody and an LA-HRP conjugate. The assay sample and buffer are incubated together with LA-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 LA concentration since LA from samples and LA-HRP conjugate compete for the anti-LA antibody binding site. Since the number of sites is limited, as more sites are occupied by LA from the sample, fewer sites are left to bind LA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187122
NCBI GeneID	4057
UniProt Accession #	Q5DSM0; P02788; Q19KS2; Q2TUW9; Q5EK51; Q8IWS6; Q8IX02
Molecular Weight	78,384 Da
NCBI Official Full Name	lactoferrin
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	LF; HLF2; GIG12
NCBI Protein Information	lactotransferrin; talalactoferrin; neutrophil lactoferrin; growth-inhibiting protein 12
UniProt Protein Name	Growth-inhibiting protein 12
UniProt Gene Name	GIG12
UniProt Entry Name	Q5DSM0_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-chicken-elisa-kits/lactoferrin/91310>