

Chicken LCN1 ELISA Kit | LCN1 elisa kit

Chicken LCN1 (Lipocalin 1) ELISA Kit

CATALOG #
AAA164628

REACTIVITY
Chicken

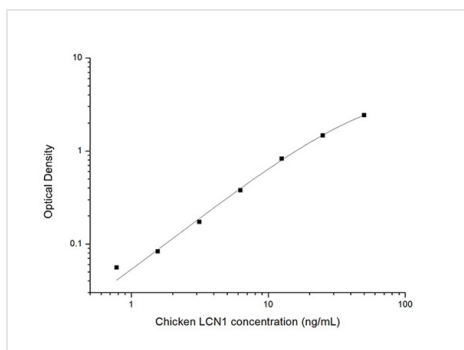
PRODUCT SYNONYMS

LCN1; Chicken LCN1 (Lipocalin 1) ELISA Kit; LCN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This kit recognizes natural and recombinant Chicken LCN1. No significant cross-reactivity or interference between Chicken LCN1 and analogues was observed.
Sequence Length	230
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LCN1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Chicken LCN1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to LCN1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for LCN1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain LCN1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of LCN1. You can calculate the concentration of LCN1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	357933621
NCBI GeneID	3933
NCBI Accession #	NP_001239548.1
NCBI GenBank Nucleotide #	NM_001252619.1
UniProt Accession #	P31025; Q5T8A1
Molecular Weight	19,250 Da
NCBI Official Full Name	lipocalin-1 isoform 3
NCBI Official Synonym Full Names	lipocalin 1
NCBI Official Symbol	LCN1
NCBI Official Synonym Symbols	TP; TLC; PMFA; VEGP
NCBI Protein Information	lipocalin-1; VEG protein; Von Ebner gland protein; lipocalin 1 (tear prealbumin); protein migrating faster than albumin
UniProt Protein Name	Lipocalin-1
UniProt Gene Name	LCN1
UniProt Synonym Gene Names	VEGP; Tlc; TP; VEG protein
UniProt Entry Name	LCN1_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.