

Human Eosinophil lysophospholipase ELISA Kit | CLC elisa kit

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CATALOG #
AAA310089

REACTIVITY
Human

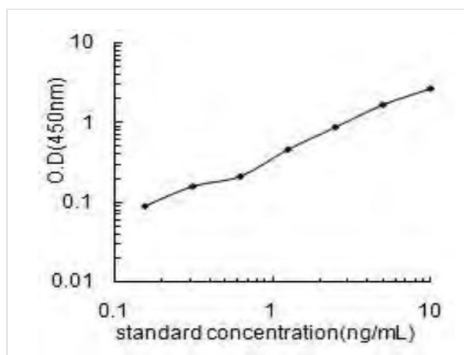
PRODUCT SYNONYMS

Eosinophil lysophospholipase; Human Eosinophil lysophospholipase ELISA Kit; Charcot-Leyden crystal protein; CLC; Galectin-10; Gal-10; Lysolecithin acylhydrolase; CLC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Eosinophil lysophospholipase. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLC elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Eosinophil lysophospholipase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Eosinophil lysophospholipase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Eosinophil lysophospholipase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Eosinophil lysophospholipase in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Eosinophil lysophospholipase concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20357559
NCBI GeneID	1178
NCBI Accession #	NP_001819.2
NCBI GenBank Nucleotide #	NM_001828.5
UniProt Accession #	Q05315; Q0VDE3; C5HZ13; C5HZ14
Molecular Weight	16,453 Da
NCBI Official Full Name	galectin-10
NCBI Official Synonym Full Names	Charcot-Leyden crystal galectin
NCBI Official Symbol	CLC
NCBI Official Synonym Symbols	GAL10; Gal-10; LGALS10; LGALS10A; LPPL_HUMAN
NCBI Protein Information	galectin-10
UniProt Protein Name	Galectin-10
UniProt Gene Name	CLC
UniProt Synonym Gene Names	LGALS10; LGALS10A; Gal-10; CLC

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/clc-human-elisa-kits/eosinophil-lysophospholipase/310089>