

Mouse Endothelial lipase ELISA Kit | EL elisa kit

Mouse Endothelial lipase ELISA Kit

CATALOG #
AAA82379

REACTIVITY
Mouse

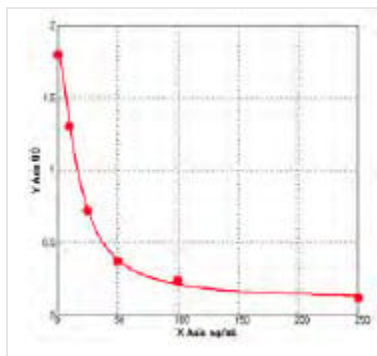
PRODUCT SYNONYMS

Endothelial lipase; Mouse Endothelial lipase ELISA Kit; EL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of EL. No significant cross-reactivity or interference between EL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between EL and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EL elisa kit	Intended Uses: This EL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse EL. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: EL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-EL antibody and an EL-HRP conjugate. The assay sample and buffer are incubated together with EL-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 EL concentration since EL from samples and EL-HRP conjugate compete for the anti-EL antibody binding site. Since the number of sites is limited, as more sites are occupied by EL from the sample, fewer sites are left to bind EL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EL concentration in each sample is interpolated from this standard curve.
Product Categories/Family for EL elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174497
NCBI GeneID	9388
NCBI Accession #	NP_006024.1
NCBI GenBank Nucleotide #	NM_006033.2
Molecular Weight	39,362 Da
NCBI Official Full Name	endothelial lipase
NCBI Official Synonym Full Names	lipase, endothelial
NCBI Official Symbol	LIPG
NCBI Official Synonym Symbols	EL; EDL; PRO719
NCBI Protein Information	endothelial lipase; lipoprotein lipase H; endothelial cell-derived lipase
UniProt Protein Name	Endothelial lipase
UniProt Gene Name	LIPG
UniProt Synonym Gene Names	UNQ387/PRO719; EDL; EL
UniProt Entry Name	LIPE_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/el-mouse-elisa-kits/endothelial-lipase/82379>