

Human EL/LIPG ELISA Kit | EL/LIPG elisa kit

Human EL/LIPG (Endothelial Lipase) ELISA Kit

CATALOG #
AAA163674

REACTIVITY
Human

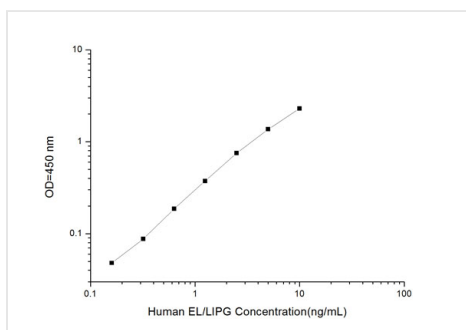
PRODUCT SYNONYMS

EL/LIPG; Human EL/LIPG (Endothelial Lipase) ELISA Kit; EL/LIPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human EL/LIPG in samples. No significant cross-reactivity or interference between Human EL/LIPG and analogues was observed.
Sequence Length	500
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human EL/LIPG were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human EL/LIPG were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EL/LIPG elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human EL/LIPG concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human EL/LIPG. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human EL/LIPG and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human EL/LIPG, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Human EL/LIPG. You can calculate the concentration of Human EL/LIPG in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174497
NCBI GeneID	9388
NCBI Accession #	NP_006024.1
NCBI GenBank Nucleotide #	NM_006033.2
UniProt Accession #	Q9Y5X9; Q6P9C8; Q6UW82; B0LPG6
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; endothelial cell-derived lipase; lipoprotein lipase H
UniProt Protein Name	Endothelial lipase
UniProt Gene Name	LIPG
UniProt Synonym Gene Names	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.