

Human lipase, endothelial ELISA Kit | LIPG elisa kit

Human Endothelial lipase, EL ELISA Kit

CATALOG #
AAA80022

REACTIVITY
Human

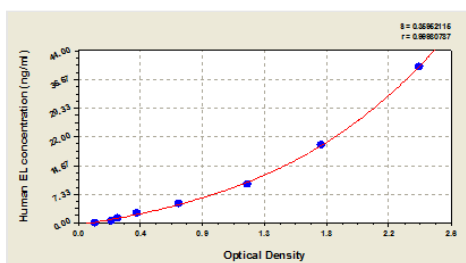
PRODUCT SYNONYMS

lipase; endothelial; Human Endothelial lipase; EL ELISA Kit; EDL; EL; PRO719; endothelial cell-derived lipase; lipase G; lipoprotein lipase H; LIPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human EL. No significant cross-reactivity or interference between human EL and analogues was observed.
Sequence Length	500
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, urine, tissue homogenates
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LIPG elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EL is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of EL bound in the initial step. The color development is stopped and the intensity of the color is measured.

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	56,795 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.

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Online datasheet: <https://www.aaabiotech.com/lipg-human-elisa-kits/lipase-endothelial/80022>