

Human Endothelial Lipase ELISA Kit | EL/LIPG elisa kit

Human Endothelial Lipase ELISA Kit

CATALOG #
AAA97708

REACTIVITY
Human

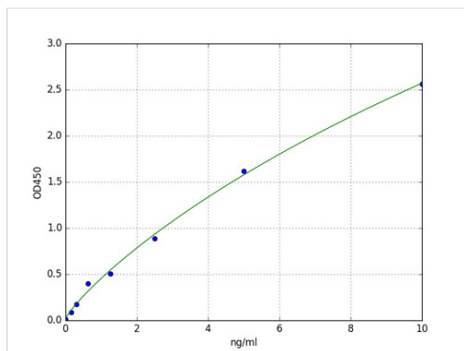
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	500
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human EL ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.032	0.160	0.281	0.492	0.968	1.518	2.133	2.261

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EL/LIPG elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human EL antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human EL antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human EL amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human EL can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4836419

NCBI GeneID	9388
Molecular Weight	39,362 Da
NCBI Official Full Name	endothelial lipase
NCBI Official Synonym Full Names	lipase G, endothelial type
NCBI Official Symbol	LIPG
NCBI Official Synonym Symbols	EL; EDL; PRO719
NCBI Protein Information	endothelial lipase
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.

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Online datasheet: <https://stage.aaabiotech.com/el-lipg-human-elisa-kits/endothelial-lipase/97708>