Euglobulin (EL) ELISA Kit for Rabbit

PRODUCT OVERVIEW

Product Name	euglobulin (EL), ELISA Kit
Full Product Name	Rabbit euglobulin (EL) ELISA Kit
Product Gene Name	EL elisa kit
Species Reactivity	Rabbit
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	39,362 Da
OMIM	603684
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EL elisa kit	MBS2601461 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the euglobulin (EL) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing EL. The ELISA analytical biochemical technique of the MBS2601461 kit is based on EL antibody-EL antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect EL antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, EL. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of EL elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EL. It may not necessarily be applicable to this product.

NCBI GI #	5174497
NCBI GeneID	9388
NCBI Accession #	NP_006024.1
UniProt Secondary Accession #	Q6P9C8; Q6UW82; B0LPG6
UniProt Related Accession #	Q9Y5X9
GenBank Nucleotide #	NM_006033.2
NCBI Official Full Name	endothelial lipase
NCBI Official Synonym Full Names	lipase, endothelial
NCBI Official Symbol	LIPG
NCBI Official Synonym Symbols	EL; EDL; PRO719
UniProt Protein Name	Endothelial lipase
UniProt Synonym Protein Names	Endothelial cell-derived lipase; EDL; EL
UniProt Gene Name	LIPG
UniProt Synonym Gene Names	UNQ387/PRO719; EDL; EL

UniProt Entry Name	LIPE_HUMAN
NCBI Protein Information	endothelial lipase; lipoprotein lipase H; endothelial cell-derived lipase
NCBI Summary for EL	The protein encoded by this gene has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. This protein is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family. [provided by RefSeq, Jul 2008]
UniProt Comments for EL	LIPG: Has phospholipase and triglyceride lipase activities. Hydrolyzes high density lipoproteins (HDL) more efficiently than other lipoproteins. Binds heparin. Belongs to the AB hydrolase superfamily. Lipase family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Lipid Metabolism - glycerolipid; Phospholipase; EC 3.1.1.3; Secreted Chromosomal Location of Human Ortholog: 18q21.1 Cellular Component: Golgi apparatus; extracellular space; cell surface; early endosome Molecular Function: heparin binding; lipoprotein lipase activity; phospholipase A1 activity; phospholipase activity Biological Process: cell proliferation; cholesterol homeostasis; reverse cholesterol transport; phospholipid catabolic process; regulation of lipoprotein metabolic process; lipid metabolic process; positive regulation of cholesterol transport; response to nutrient; phospholipid homeostasis
Research Articles on EL	**1.** Results indicate the spatial consensus catalytic triad "Ser-Asp-His", a characteristic motif in lipoprotein lipase, hepatic lipase, and endothelial lipase.
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