Collectin Liver 1 (CLL1) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Collectin Liver 1 (CLL1), ELISA Kit
Full Product Name	Mouse Collectin Liver 1 ELISA Kit
Product Gene Name	CLL1 elisa kit
Species Reactivity	Mouse
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	30,705 Da
OMIM	607620
3D Structure	ModBase 3D Structure for Q9Y6Z7
Related Product Information for CLL1 elisa kit	MBS016762 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Collectin Liver 1 (CLL1) 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 CLL1. The ELISA analytical biochemical technique of the MBS016762 kit is based on CLL1 antibody-CLL1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CLL1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CLL1. 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 CLL1 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 CLL1. It may not necessarily be applicable to this product.

NCBI GI #	256017186
NCBI GeneID	10584
NCBI Accession #	NP_006429.2
UniProt Primary Accession #	Q9Y6Z7
UniProt Secondary Accession #	Q3SYH6; Q6UW19
UniProt Related Accession #	Q9Y6Z7
GenBank Nucleotide #	NM_006438.3
NCBI Official Full Name	collectin-10
NCBI Official Synonym Full Names	collectin sub-family member 10 (C-type lectin)
NCBI Official Symbol	COLEC10
NCBI Official Synonym Symbols	CLL1
UniProt Protein Name	Collectin-10
UniProt Synonym Protein Names	Collectin liver protein 1; CL-L1; Collectin-34

UniProt Gene Name	COLEC10
UniProt Synonym Gene Names	CLL1; CL-L1; CL-34
UniProt Entry Name	COL10_HUMAN
NCBI Protein Information	collectin-10; CL-34; collectin 34; collectin-34; collectin liver 1; collectin liver protein 1
NCBI Summary for CLL1	This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. The other members of this family are secreted proteins and bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. This gene product is a cytosolic protein, a characteristic that suggests that it may have different biological functions than other C-lectins. [provided by RefSeq, Jul 2008]
UniProt Comments for CLL1	COLEC10: Lectin that binds to various sugars: galactose > mannose = fucose > N-acetylglucosamine > N-acetylgalactosamine. Belongs to the COLEC10/COLEC11 family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 8q23-q24.1 Cellular Component: collagen; cytoplasm; extracellular region Molecular Function: mannose binding
Research Articles on CLL1	**1.** Most plasma CL-K1 was found in complex with CL-L1 in a ratio suggesting a heteromeric subunit of 1 CL-L1 & 2 CL-K1 polypeptides.
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