Omentin (OMT) ELISA Kit for Canine

PRODUCT OVERVIEW

Product Name	Omentin (OMT), ELISA Kit
Full Product Name	Canine Omentin ELISA Kit
Product Gene Name	OMT elisa kit
Species Reactivity	Canine
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C
Related Product Information for OMT elisa kit	MBS037922 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Omentin (OMT) 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 OMT. The ELISA analytical biochemical technique of the MBS037922 kit is based on OMT antibody-OMT antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect OMT antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, OMT. 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 OMT 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 OMT. It may not necessarily be applicable to this product.

NCBI GI #	44976129
NCBI Accession #	AAS49907.1
NCBI Official Full Name	omentin
Protein Family	Intelectin
UniProt Comments for OMT	ITLN1: Has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. Increases AKT phosphorylation in the absence and presence of insulin. May play a role in the defense system against microorganisms. May specifically recognize carbohydrate chains of pathogens and bacterial components containing galactofuranosyl residues, in a calcium-dependent manner. May be involved in iron metabolism. Protein type: Membrane protein, GPI anchor Chromosomal Location of Human Ortholog: 1q21.3 Cellular Component: brush border membrane; receptor complex; lipid raft Molecular Function: carbohydrate binding Biological Process: positive regulation of glucose import; response to nematode; positive regulation of protein amino acid phosphorylation

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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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