Resistin (RETN) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Resistin (RETN), ELISA Kit
Full Product Name	Mouse Resistin (RETN) Mini Samples ELISA Kit
Product Gene Name	RETN elisa kit
Product Synonym Names	ADSF; FIZZ3; RETN1; RSTN; XCP1; Adipose tissue-specific secretory factor; C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted FIZZ3
Species Reactivity	Mouse
Assay Type	Double-antibody Sandwich ELISA for Antigen Detection
Samples	Serum, plasma, Tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.131ng/mL
Molecular Weight	12,492 Da
3D Structure	ModBase 3D Structure for Q99P87
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Product Categories/Family for RETN elisa kit	Metabolic pathway; Endocrinology; Cardiovascular biology
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Related Product Information for RETN elisa kit	MBS2087652 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Resistin (RETN) 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 RETN. The ELISA analytical biochemical technique of the MBS2087652 kit is based on RETN antibody-RETN antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect RETN antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, RETN. 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 RETN 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 RETN. It may not necessarily be applicable to this product.

NCBI GI #	326368221
NCBI GeneID	57264
NCBI Accession #	NP_001191888.1
UniProt Primary Accession #	Q99P87
UniProt Related Accession #	Q99P87
GenBank Nucleotide #	NM_001204959.1

NCBI Official Full Name	resistin
NCBI Official Synonym Full Names	resistin
NCBI Official Symbol	Retn
NCBI Official Synonym Symbols	ADSF; Rstn; Xcp4; Fizz3
UniProt Protein Name	Resistin
UniProt Synonym Protein Names	Adipose tissue-specific secretory factor; ADSF; Adipose-specific cysteine-rich secreted protein A12-alpha; Cysteine-rich secreted protein FIZZ3
Protein Family	Protein dead ringer
UniProt Gene Name	Retn
UniProt Synonym Gene Names	Fizz3; ADSF
NCBI Protein Information	resistin
UniProt Comments for RETN	resistin: Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells. Potentially links obesity to diabetes. Belongs to the resistin/FIZZ family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 8 A1.1|8 1.92 cM Cellular Component: extracellular region; extracellular space; nucleus Molecular Function: hormone activity Biological Process: fat cell differentiation; positive regulation of smooth muscle cell migration; positive regulation of smooth muscle cell proliferation; positive regulation of synaptic transmission; response to insulin stimulus
Research Articles on RETN	**1.** OLI is a physiological repressor of systemic resistin release whereas FFA upregulate resistin release in vitro from adipocytes.
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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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