

Datasheet for ABIN6719732

Resistin ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	Resistin (RETN)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	78 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics: Synonyms: Adipose tissue specific secretory factor, Adipose tissue-specific secretory factor, ADSF, C/EBP epsilon regulated myeloid specific secreted cysteine rich protein, C/EBP epsilon regulated myeloid specific secreted cysteine rich protein precursor 1, Cysteine rich secreted protein A12 alpha like 2, Cysteine rich secreted protein FIZZ3, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, FIZZ3, Found in inflammatory zone 3, Resistin, Resistin delta2, RETN_HUMAN, RETN1, XCP 1, XCP1

Background: Resistin is an adipose-derived hormone postulated to link adiposity to insulin resistance. 1 Type 2 diabetes, characterized by target-tissue resistance to insulin, is epidemic in

Product Details

industrialized societies and is strongly associated with obesity. Adipocytes secrete a unique signalling molecule, which called resistin(for resistance to insulin), that may be the hormone potentially links obesity to diabetes.² Resistin is overexpressed in human adipose tissue of obese individuals and is likely to modulate insulin sensitivity. Resistin is, therefore, a candidate gene for insulin resistance.³ The standard product used in this kit is human Resistin with the molecular mass of 51-53KDa. The detected Resistin includes zymogen and active enzyme.

Gene Name: RETN

Production: Natural and recombinant human Resistin. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: K19-P108

Target Details

Target:	Resistin (RETN)
Alternative Name:	Resistin (RETN Products)
Gene ID:	56729
NCBI Accession:	NP_001180303
UniProt:	Q9HD89
Pathways:	Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL, 78pg/mL human Resistin standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma(heparin , EDTA) to each empty well. We recommend that each human Resistin standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 78pg/mL-5000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images

