

Human Resistin ELISA Kit | RETN elisa kit

Human Resistin ELISA Kit

CATALOG # AAA261777	REACTIVITY Human	APPLICATIONS ELISA
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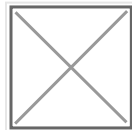
PRODUCT SYNONYMS

Resistin; Human Resistin ELISA Kit; FIZZ3; HXCP1; RSTN; Adipose tissue-specific secretory factor; ADSF; C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted protein A12-alpha-like 2; Cysteine-rich secreted protein FIZZ3; RETN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Resistin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Resistin proteins within the range of 7.8 pg/ml - 500 pg/ml.
Sequence Length	108
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	4 pg/ml.
Applicable Applications for RETN elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RETN elisa kit

Principle of the Assay||The Human Resistin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Resistin in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human Resistin coated on a 96-well plate. Standards and samples are pipetted into the wells and Resistin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Resistin antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Resistin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	18202962
NCBI GeneID	56729
UniProt Accession #	Q9HD89; Q540D9; Q76B53; D6W649
Molecular Weight	8,686 Da
NCBI Official Full Name	Resistin
NCBI Official Synonym Full Names	resistin
NCBI Official Symbol	RETN
NCBI Official Synonym Symbols	ADSF; RSTN; XCP1; FIZZ3; RETN1
NCBI Protein Information	resistin
UniProt Protein Name	Resistin
UniProt Gene Name	RETN
UniProt Synonym Gene Names	FIZZ3; HXCP1; RSTN; ADSF
UniProt Entry Name	RETN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/retn-human-elisa-kits/resistin/261777>