

Human Resistin ELISA Kit | RETN elisa kit

Resistin Human ELISA Kit

CATALOG # AAA59014	REACTIVITY Human	APPLICATIONS ELISA
------------------------------	----------------------------	------------------------------

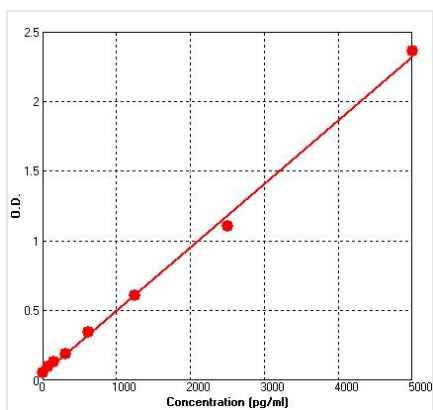
PRODUCT SYNONYMS

Resistin; Resistin Human ELISA Kit; Human Resistin; RETN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	< 3pg/ml
Applicable Applications for RETN elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RETN elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Resistin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Resistin polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Resistin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Resistin can be calculated. Background: Resistin also known as adipose tissue-specific secretory factor or C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein (XCP1) is a cysteine-rich protein that in humans is encoded by the RETN gene. The gene comprises 4 exons, the first of which is untranslated, and spans approximately 1,750 bp. The length of the resistin pre-peptide in human is 108 amino acid residues and in the Human and rat it is 114 aa; the molecular weight is ~12.5 kDa. Resistin is a cytokine whose physiologic role has been the subject of much controversy regarding its involvement with obesity and type II diabetes mellitus (T2DM).
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	12584202
NCBI GeneID	56729
UniProt Accession #	Q9HD89; Q540D9; D6W649
Molecular Weight	11,419 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; resistin delta2; found in inflammatory zone 3; cysteine-rich secreted protein FIZZ3; adipose tissue-specific secretory factor; cysteine-rich secreted protein A12-alpha-like 2; c/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 1
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.