

Human resistin ELISA Kit | RETN elisa kit

human Resistin ELISA Kit

CATALOG #
AAA15093

REACTIVITY
Human

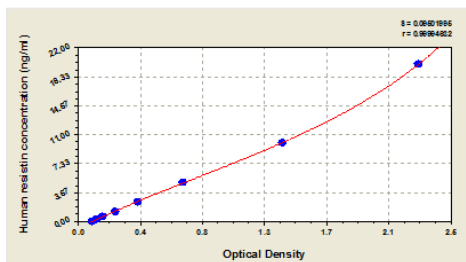
PRODUCT SYNONYMS

resistin; human Resistin ELISA Kit; human Resistin ELISA KIT; ADSF; FIZZ3; MGC126603; MGC126609; RETN1; RSTN; XCP1; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 1; found in inflammatory zone 3; RETN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human resistin. No significant cross-reactivity or interference between human resistin and analogues was observed.
Sequence Length	108
Samples	Serum, plasma and tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of human resistin is typically less than 0.078 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RETN elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for resistin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any resistin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for resistin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of resistin bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301129180
NCBI GeneID	56729
NCBI Accession #	NP_001180303.1
NCBI GenBank Nucleotide #	NM_001193374.1
UniProt Accession #	Q9HD89; Q540D9; Q76B53; 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; UNQ407/PRO1199; 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.