

Mouse Resistin (RETN) CLIA Kit | RETN clia kit

Mouse Resistin (RETN) CLIA Kit

CATALOG # AAA188990	REACTIVITY Mouse	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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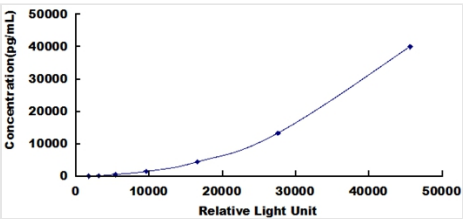
PRODUCT SYNONYMS

Resistin (RETN); Mouse Resistin (RETN) CLIA Kit; Resistin; ADSF; FIZZ3; RETN1; RSTN; XCP1; Adipose tissue-specific secretory factor; C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted FIZZ3; RETN clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Resistin (RETN). No significant cross-reactivity or interference between Resistin (RETN) and analogues was observed.
Sequence Length	114
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	54.9-40,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 18.6pg/mL
Applicable Applications for RETN clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Resistin (RETN) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Resistin (RETN) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Resistin (RETN). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Resistin (RETN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Resistin (RETN) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	326368221
NCBI GeneID	57264
NCBI Accession #	NP_001191888.1
NCBI GenBank Nucleotide #	NP_001191888.1
UniProt Accession #	Q99P87
NCBI Official Full Name	resistin
NCBI Official Synonym Full Names	resistin
NCBI Official Symbol	Retn
NCBI Official Synonym Symbols	ADSF; Rstn; Xcp4; Fizz3
NCBI Protein Information	resistin
UniProt Protein Name	Resistin
UniProt Gene Name	Retn
UniProt Synonym Gene Names	Fizz3; ADSF
UniProt Entry Name	RETN_MOUSE

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/mouse-clia-kits/resistin-retn/188990>