

Mouse RETN (Resistin) ELISA Kit | RETN elisa kit

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CATALOG #
AAA177854

REACTIVITY
Mouse

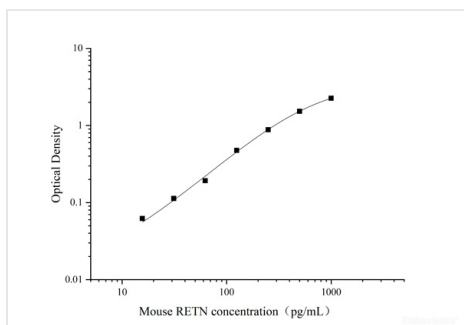
PRODUCT SYNONYMS

RETN (Resistin); Mouse RETN (Resistin) ELISA Kit; ADSF; FIZZ3; RETN1; RSTN; XCP1; RETN; RETN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse RETN in samples. No significant cross-reactivity or interference between Mouse RETN and analogues was observed. This ELISA kit applies to the in vitro quantitative determination of Mouse RETN concentrations in serum, plasma and other biological fluids.
Assay Type	Sandwich ELISA
Detection Method	Colormetric
Tested Sample Types	Serum, plasma and other biological fluids
Detection Range	15.63~1000pg/mL
Sensitivity	9.38pg/mL
Precision	Both intra-CV and inter-CV are < 10%.
Test Principle	This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse RETN. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse RETN and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse RETN, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450nm +/- 2nm. The OD value is proportional to the concentration of Mouse RETN. You can calculate the concentration of Mouse RETN in the samples by comparing the OD of the samples to the standard curve.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the *following conditions (manual) once the kit is received.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	326368221
NCBI GeneID	57264
NCBI Accession #	NP_001191888.1
NCBI GenBank Nucleotide #	NM_001204959.1
UniProt Accession #	Q99P87
Molecular Weight	12,492 Da
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; adipose tissue-specific secretory factor; adipose-specific cysteine-rich secreted protein A12-alpha; cysteine-rich secreted protein FIZZ3; dominant inhibitory adipocyte-specific secretory factor; found in inflammatory zone 3
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-elisa-kits/retn-resistin/177854>