

## Rat Resistin ELISA Kit | Resistin elisa kit

Rat Resistin ELISA Kit

CATALOG #  
**AAA83283**

REACTIVITY  
**Rat**

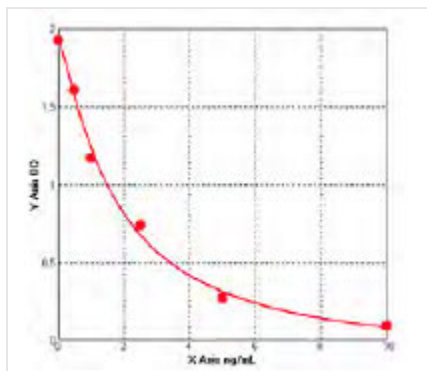
### PRODUCT SYNONYMS

Resistin; Rat Resistin ELISA Kit; Resistin elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of RETN. No significant cross-reactivity or interference between RETN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RETN and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                 |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Resistin elisa kit | <p>Intended Uses: This RETN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RatRETN. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: RETN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RETN antibody and an RETN-HRP conjugate. The assay sample and buffer are incubated together with RETN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RETN concentration since RETN from samples and RETN-HRP conjugate compete for the anti-RETN antibody binding site. Since the number of sites is limited, as more sites are occupied by RETN from the sample, fewer sites are left to bind RETN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RETN concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for Resistin elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 301129180                                                                                                                                                                                                                                                                                                                                              |
| NCBI GeneID                      | 56729                                                                                                                                                                                                                                                                                                                                                  |
| NCBI Accession #                 | NP_001180303.1                                                                                                                                                                                                                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_001193374.1                                                                                                                                                                                                                                                                                                                                         |
| 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; 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.