

ARG80147 Human Resistin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------|-----------------|---|
| ARG80147-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG80147-002 | Standard (Lyophilized) | 3 X 1.5 ng/vial | 4°C |
| ARG80147-003 | Standard diluent buffer | 20 ml | 4°C |
| ARG80147-004 | Antibody conjugate concentrate | 400 µl | 4°C |
| ARG80147-005 | Antibody diluent buffer | 16 ml | 4°C |
| ARG80147-006 | HRP-Streptavidin concentrate | 400 µl | 4°C (Protect from light) |
| ARG80147-007 | HRP-Streptavidin diluent buffer | 16 ml | 4°C |
| ARG80147-008 | 20X Wash buffer | 50 ml | 4°C |
| ARG80147-009 | TMB substrate | 12ml | 4°C (Protect from light) |
| ARG80147-010 | STOP solution | 12ml | 4°C |
| ARG80147-011 | Plate sealer | 4 strips | Room temperature |

Summary

| | |
|---------------------|--|
| Product Description | ARG80147 Human Resistin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Resistin in Serum, Plasma, Cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Specificity | No significant cross-reactivity or interference with Human RELM- beta mouse resistin |
| Target Name | Resistin |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm |
| Sensitivity | 8 pg/ml |
| Sample Type | Serum, Plasma, Cell culture supernatants |
| Standard Range | 15.6 - 1000 pg/ml |
| Sample Volume | 100 µl |

| | |
|-----------------|--|
| Precision | CV: less than10% |
| Alternate Names | C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted protein A12-alpha-like 2; XCP1; Resistin; Adipose tissue-specific secretory factor; FIZZ3; RETN1; ADSF; Cysteine-rich secreted protein FIZZ3; RSTN |

Application Instructions

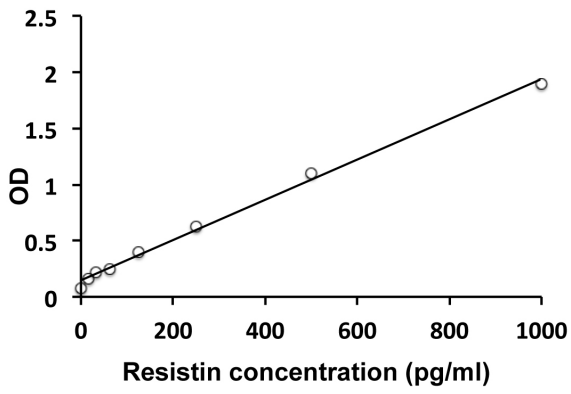
| | |
|------------|---------|
| Assay Time | 4 hours |
|------------|---------|

Properties

| | |
|---------------------|--|
| Form | 96 well |
| Storage instruction | Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|---|
| Database links | GeneID: 56729 Human Swiss-port # Q9HD89 Human |
| Gene Symbol | RETN |
| Gene Full Name | resistin |
| Background | This gene belongs to the family defined by the mouse resistin-like genes. The characteristic feature of this family is the C-terminal stretch of 10 cys residues with identical spacing. The mouse homolog of this protein is secreted by adipocytes, and may be the hormone potentially linking obesity to type II diabetes. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010] |
| Highlight | Related products: Resistin antibodies ; Resistin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |
| Research Area | Cell Biology and Cellular Response kit; Metabolism kit; Signaling Transduction kit |



ARG80147 Human Resistin ELISA Kit standard curve image

ARG80147 Human Resistin ELISA Kit results of a typical standard run with optical density reading at 450 nm.