

AG-45A-0023Y

16-Sep-2014

Resistin (human) ELISA Kit

[FIZZ3; Found in Inflammatory Zone 3; ADSF; Adipose Tissue-Specific Secretory Factor]

AG-45A-0023YEK-KI01	96 wells
AG-45A-0023YPP-KI01	5 x 96 wells
AG-45A-0023YTP-KI01	2 x 96 wells
Quantity	1 x 96 wells 2 x 96 wells (Twin Plex) 5 x 96 wells (Penta Plex)
Detection Type	Colorimetric
Assay Type	Sandwich
Sample Type	Cell Culture Supernatant / Plasma / Serum

Handling / Storage

Shipping	BLUE ICE
Short Term Storage	+4°C
Long Term Storage	+4°C

After standard reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. Plate and reagents should reach room temperature before use.

Use / Stability

12 months after the day of manufacturing. See expiry date on ELISA Kit box.

For complete product information please see manual. Manual also available at www.adipogen.com.

Product Specifications

Species Crossreactivity	Human
Sensitivity	100pg/ml
Specificity	Detects human resistin. Does not cross-react with mouse resistin, rat resistin, human RELM-β, mouse RELM-α, mouse RELM-β, rat RELM-α, human leptin or human adiponectin.
Range	0.125 to 8ng/ml

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. **MATERIAL SAFETY DATA:** Review the complete Material Safety Data Sheet before use.

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Product Description

Resistin (FIZZ3; ADSF; Adipose tissue-specific secretory factor) is a 12.5kDa cysteine-rich adipocytokine. In rodents, increased resistin-levels impair insulin action, while genetic ablation or down-regulation of the resistin gene improves insulin sensitivity. In humans most reports identified inflammatory cells and bone marrow-derived cells as the main source of resistin, indicating a role in inflammatory responses. Plasma resistin levels were shown to be associated with C-reactive protein (CRP), inflammatory bowel disease, Crohn's disease, atherosclerosis and acute pancreatitis. Atherosclerosis and obesity are increasingly viewed as chronic inflammatory conditions. Circulating resistin levels were reported to be increased in obesity and diabetes.

Product Specific References

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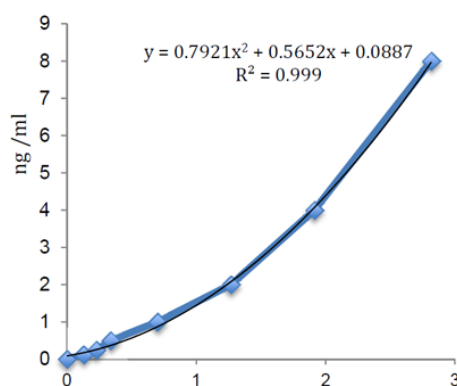


Figure 1: Standard curve

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