

Datasheet for ABIN2745502 **SERPINA12 ELISA Kit**



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Overview

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| Quantity: | 96 tests |
| Target: | SERPINA12 |
| Reactivity: | Human |
| Method Type: | Sandwich ELISA |
| Detection Range: | 0.016-1 ng/mL |
| Minimum Detection Limit: | 0.016 ng/mL |
| Application: | ELISA |

Product Details

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| Sample Type: | Cell Culture Supernatant, Plasma, Serum |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Specificity: | Detects human vaspin. |
| Cross-Reactivity: | Human |
| Cross-Reactivity (Details): | Does not cross-react with human RBP4, human adiponectin, human Nampt, human leptin or human RELM-beta. |
| Sensitivity: | 12 pg/mL |
| Characteristics: | Vaspin (human) ELISA Kit |

Target Details

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|-------------------|---|
| Target: | SERPINA12 |
| Alternative Name: | Vaspin (SERPINA12 Products) |
| Background: | Vaspin (Visceral adipose tissue-derived serpin, Serpin A12), a serine protease inhibitor (serpin), is an insulin-sensitizing adipocytokine that has been isolated from both visceral and subcutaneous white adipose tissue. Based on recent findings, vaspin is suggested to regulate immune responses and inflammation and was found to be correlated with various metabolic parameters. Human vaspin blood levels are significantly increased in type 2 diabetes mellitus and obese patients. Thus vaspin may represent a novel biomarker for obesity and impaired insulin sensitivity and might serve as a new therapeutic target of metabolic syndrome. |
| UniProt: | Q8IW75 |

Application Details

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| Plate: | Pre-coated |
| Restrictions: | For Research Use only |

Handling

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| Storage: | 4 °C |
| Storage Comment: | Short Term Storage: +4°C Long Term Storage: +4°C 12 months after the day of manufacturing. See expiry date on ELISA Kit box. |