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Datasheet for ABIN5510706

## SAA1 ELISA Kit

### 1 Image

#### Overview

Quantity: 96 tests

Target: SAA1

Binding Specificity: AA 20-122

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

#### Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human SAA/SAA1

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: E.coli  
Immunogen sequence: S20-Y122

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Characteristics: Tissue Specificity: Expressed by the liver, secreted in plasma (at protein level) . .

#### Target Details

Target: SAA1

Alternative Name: SAA1 ([SAA1 Products](#))

## Target Details

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Background:	<p>Protein Function: Major acute phase protein.</p> <p>Background: Serum amyloid A protein (SAA), also known as SAA1, is a protein that in humans is encoded by the SAA1 gene. This gene encodes a member of the serum amyloid A family of apolipoproteins. It is mapped to 11p15.1. SAA is a major acute phase protein that is highly expressed in response to inflammation and tissue injury. This protein also plays an important role in HDL metabolism and cholesterol homeostasis. High levels of this protein are associated with chronic inflammatory diseases including atherosclerosis, rheumatoid arthritis, Alzheimer's disease and Crohn's disease. This protein may also be a potential biomarker for certain tumors.</p> <p>Synonyms: Serum amyloid A-1 protein,SAA,Amyloid protein A,Amyloid fibril protein AA,Serum amyloid protein A(2-104),Serum amyloid protein A(3-104),Serum amyloid protein A(2-103),Serum amyloid protein A(2-102),Serum amyloid protein A(4-101),SAA1,</p> <p>Full Gene Name: Serum amyloid A-1 protein</p> <p>Cellular Localisation: Secreted.</p>
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UniProt:	<a href="#">P0DJ18</a>
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Pathways:	<a href="#">Toll-Like Receptors Cascades</a>
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## Application Details

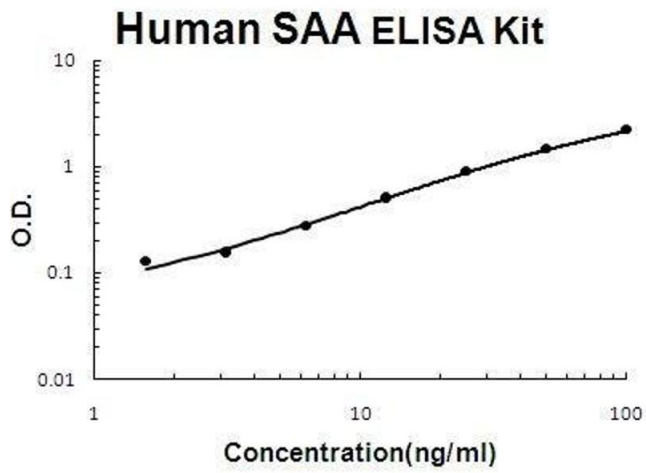
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Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months



#### ELISA

**Image 1.** Human SAA/SAA1 PicoKine ELISA Kit standard curve