

Datasheet for ABIN6719797

SAA ELISA Kit

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Overview

Quantity:	1 kit
Target:	SAA
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

Product Details

Purpose:	Mouse SAA Sandwich ELISA Kit for Quantitative Detection
Brand:	AccuSignal™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Production: Natural and recombinant mouse SAA. There is no detectable cross-reactivity with other relevant proteins.
Sensitivity:	< 10 pg/mL
Components:	• Antibody-coated 96-well plate • Target Protein Standard • Detection antibody

Product Details

- Detection reagent
- Diluent buffers
- Wash buffers
- Substrate Solution
- Stop solutions
- Adhesive covers

Target Details

Target:	SAA
Alternative Name:	SAA (SAA Products)
Background:	Synonyms: Amyloid fibril protein AA, Amyloid protein A, MGC111216, OTTMUSP00000045357, PIG4, SAA, SAA1, Serum amyloid A 1, Serum amyloid A 1 protein, serum amyloid A protein, Serum amyloid A protein precursor, Serum amyloid A1 isoform 1, Serum amyloid A1 isoform 2, TP53I4, Tumor protein p53 inducible protein 4 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.
Gene ID:	111345

Application Details

Application Notes:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10,000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL mouse SAA standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates, serum, plasma(heparin, EDTA) or urine to each empty well. It is recommended that each mouse SAA standard solution and each sample be measured in duplicate.
Comment:	Standard: Expression system for standard: E.coli, Immunogen sequence: G20-Y122
Sample Volume:	100 µL

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Expiry Date:	12 months