

Product datasheet for **EA100698**

Saa

Product data:

Product Type:	ELISA Kits
Description:	Mouse SAA ELISA Kit
Size:	1 x 96 wells
Assay Type:	Sandwich ELISA kit of Quantitative Detection for Mouse SAA
Assay Length:	3.5 hours incubations; 1 hour washing and analyzing samples
Signal:	Colorimetric
Curve Range:	156pg/ml-10,000pg/ml
Sample Type:	Cell culture supernates, serum, plasma(heparin, EDTA) and urine.
Sample Volume:	100 ul
Specificity:	This kit is used for quantitative detection of mouse SAA
Sensitivity:	<10pg/ml
Reactivity:	Mouse
Cross Reactivity:	There is no detectable cross-reactivity with other relevant proteins.
Interference:	No significant interference observed with available related molecules.
Components:	<ul style="list-style-type: none">● 96-well plate precoated with anti- mouse SAA antibody 1● Lyophilized recombinant mouse SAA standard 10ng/tubex2● Biotinylated anti- SAA antibody 130ul(dilution 1:100)● Avidin-Biotin-Peroxidase Complex(ABC) 130ul(dilution 1:100)● Sample diluent buffer 30 ml● Antibody diluent buffer 12ml● ABC diluent buffer 12ml● TMB color developing agent 10ml● TMB stop solution 10ml



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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 Symbol:

Saa

Gene ID:

111345