

SAA Feline

Serum Amyloid A (APO-SAA) Feline Recombinant

CYK0517

Product Overview

Name	SAA Feline
Accession(Primary)	Q9XSG7
Description	Serum Amyloid A (APO-SAA) Feline Recombinant

Target information (Q9XSG7)

Gene Name

About Gene Symbol

Background

In response to infection, injury, or inflammation, SAA levels rapidly rise in the bloodstream. Acting as a chemoattractant, SAA recruits immune cells to the site of injury, facilitating the innate immune response. Additionally, SAA modulates the activities of immune cells, influencing cytokine production and phagocytosis. These immunomodulatory functions highlight SAA's significance in shaping the immune landscape during inflammatory events. SAA participates in lipid metabolism by interacting with HDL particles. In the acute-phase response, SAA displaces apolipoprotein A1 from HDL, transforming it into a pro-inflammatory particle. This alteration in HDL composition affects its cardioprotective functions, potentially contributing to atherosclerosis and cardiovascular diseases. Understanding these interactions is crucial for deciphering the intricate relationship between inflammation and cardiovascular health.