



DataSheet

CATALOGUE #: 8CS4

PRODUCT NAME: Recombinant canine serum amyloid A (SAA)

Source: Expressed in *E.coli*

Description: Recombinant SAA consists of 121 amino acids and has a predicted molecular mass of 13766 kDa. Consists of a polypeptide corresponding to 1-111 a.a.r. of canine SAA and a proprietary 10 a.a.r. affinity tag on the N-terminus.

Applications: Can be used as a control in immunoassays.

Analysis: Purity >95 % (Tricine-SDS-PAGE).
Concentration is determined spectrophotometrically

Purification: Affinity and reversed-phase chromatography

Presentation: Lyophilized from 0.01 M HCl (pH 2.0)
It is recommended to reconstitute this product with 0.01 M HCl (pH 2.0) to 0.1-1 mg/ml concentration.

Storage: Lyophilized -20°C (-15 ... -30 °C allowed)
Reconstituted -70°C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
To prepare diluted samples of SAA it is recommended to use buffer solutions containing a detergent. The selection of an appropriate detergent and its concentration is essential for the assay performance.
For sandwich immunoassays using monoclonal anti-SAA antibodies SAA19, SAA21 and VSA34 we recommend using 0.01% CHAPS in antigen dilution buffer (e.g. 0.05 M Tris-HCl, pH 8.0, 0.15 M NaCl, 0.01 % CHAPS).
For sandwich immunoassays using monoclonal anti-SAA antibodies VSA6, VSA25, VSA31, VSA38, VSA2, and VSA43 we recommend using 0.05 % Tween 20 in antigen dilution buffer (e.g. 0.02 M Tris-HCl, pH 7.5, 0.15 M NaCl, 0.05 % Tween 20).

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

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