Datasheet

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CATALOGUE #: 8CS4

PRODUCT NAME: Recombinant canine serum amyloid A (SAA)

Source:	Expressed in <i>E.coli</i>
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 HCI (pH 2.0)
	It is recommended to reconstitute this product with 0.01 M HCI (pH 2.0) to 0.1-1 mg/ml concentration.
Storage:	Lyophilized -20°C (-1530 °C allowed)
	Reconstituted -70°C (-6580 °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-HCI, pH 8.0, 0.15 M NaCI, 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.



SCIENTIFIC EXCELLENCE FOR IVD

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