

Datasheet: PDP006

Description:	RECOMBINANT DOG SERUM AMYLOID A
Name:	SERUM AMYLOID A
Other names:	SAA
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Dog
Product Form	Purified recombinant protein - lyophilized
Reconstitution	Reconstitute with 1.0 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Purified by affinity and reversed-phase chromatography
Source	Insect cell line
Preservative Stabilisers	None present
Approx. Protein Concentrations	0.1 mg/ml after reconstitution

**External Database
Links**

UniProt:

[P19708](#)

[Related reagents](#)

Product Information **Recombinant Dog serum amyloid A (SAA)** is a 121 aa recombinant protein produced in a eukaryotic expression system, which includes a proprietary tag at the N-terminus.

Serum amyloid A proteins are a family of acute phase proteins, produced primarily by the liver, highly conserved in vertebrate species, and used as markers of inflammation.

Canine SAA, as with SAA in other species, is present in different isoforms, this recombinant protein corresponds to isoform 1 (SAA1). Canine SAA is composed of 111 amino acids and differs from human SAA by having an 8 aa sequence insert in the central region of the sequence.

With similar biochemical properties to the native canine SAA, this reagent may be used as a standard in immunoassays for dog serum amyloid A.

Protein Molecular Weight 13.8 kDa

Purity >95%

Storage Prior to reconstitution store at -20°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. This product should be stored undiluted.

Guarantee 6 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10268 available at:
<https://www.bio-rad-antibodies.com/SDS/PDP006>
10268

Regulatory For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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Printed on 12 Aug 2023