Datasheet: PFP003

BATCH NUMBER 166740

Description:	RECOMBINANT CAT 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

Cat

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

E.coli

Preservative Stabilisers

None present

Approx. Protein Concentrations

0.1 mg/ml after reconstitution

External Database Links	**UniProt:** P19707 Related reagents
Product Information	**Recombinant Cat serum amyloid A** (SAA) is a 121 aa recombinant protein produced in *E.coli*, which includes a proprietary 10 aa 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. Feline SAA, as with serum amyloid A in other species, is present in different isoforms, this recombinant protein corresponds to isoform 1 (SAA1). Feline 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 feline SAA, this reagent may be used as a standard in immunoassays for measurement of levels of cat 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	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10268 available at: https://www.bio-rad-antibodies.com/SDS/PFP003 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

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