

Life Diagnostics, Inc.

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Cat Serum Amyloid A

Catalog No.	9004
Analysis	SDS PAGE: ~12 kDa band MS: Mwt 12547.2 ELISA: Reactive with LDI kit 3400-4 HPLC: >90%
Concentration	1 - 2 mg/ml
Buffer	6M Urea, 100 mM TrisCl, 1 mM EDTA (pH 7.5)
Storage	-20 to -80°C.

Sequence:

EWYSFLGEEAAQGAWDMWRAYSMDREANYIGADKYFHARGNYDA
AQRGPGGAWAAKVISDARENSQRVTDFFRHGNSGHGAEDSKADQE
ANEWGRSGKDPNHYPPEGLPKY

Serum amyloid A (SAA) is a positive acute phase reactant that is synthesized in the liver. In many species, including cat, serum levels increase significantly (>10-fold) in response to inflammation, tissue injury or disease. SAA can be diluted from the urea solution into non-urea buffers for use as assay controls and calibrators.

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