

# ***Life Diagnostics, Inc.***

610-431-7707 • Fax: 610-431-7818

Info@lifediagnostics.com • www.lifediagnostics.com

## ***Horse Serum Amyloid A***

Catalog No.	9003
Analysis	SDS PAGE: Single ~12 kDa band MS: M.wt. 12241.7 ELISA: Reactive with LDI kit 3400-3 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:

LLSFLGEAARGTWDMLRAYNDMREANYIGADKYFHARGNYDAAK  
RGPGGAWAAKVISDARENVQRFTDRFSFGGSGRGAEDSRADQAAN  
EWGRSGKDPNHFRPHGLPDKY

Serum amyloid A (SAA) is a positive acute phase reactant that is synthesized in the liver. In many species, including horse, 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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P.O. Box 5205 • West Chester PA 19380 • USA