

Serum Amyloid A (SAA)

Item Number: SAA

Introduction

Discover Serum Amyloid A (SAA) antibodies for reliable detection in LF, IT, FIA assays. High specificity for human, feline, canine, and equine SAA. Inquire now!

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Feature	Value
Product Name	Anti-h SAA01
Catalog Number	Not provided
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Application	LF, IT, FIA
Dosage Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Antibody Subtype	IgG2a
Clonality	Monoclonal
Epitope	Conformational
Purity	≥ 95 %
Related Products	Native human SAA, EastCoast Bio cat LA449, recombinant human SAA, Medix Biochemica cat 610070 and Lee Biosolutions cat 527-18
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
Isoelectric Point	7.4 – 8.8
Cross-Reactivity	Recognizes human SAA1, human SAA2, feline, canine and equine SAA. Does not recognize human SAA4 or bovine SAA.
Specificity	Antibody recognizes human serum amyloid A (SAA)
Shelf Life	18 months

Condition	Specification
Storage Conditions	+2-8°C
Transportation Conditions	Cold packs

Indicator	Specification
Packaging	Product outer packaging box and aluminum foil packaging bag intact and undamaged.
Detection Buffer Appearance	Clear and transparent, no suspended matter. Tube sealed well, no leakage.
Detection Buffer Volume	1.0 mL, net content within 1.0g ± 0.05g.
Detection Buffer pH	7.2 ± 0.2
Test Strip Appearance	Neat, flat, no burrs, no damage, no pollution; material attached firmly.
Test Strip Width	Width should not exceed ±0.80mm of the nominal value (4.50mm).
Migration Speed	Liquid migration speed should be no less than 10mm/min.
Minimum Detection Limit	SAA should be no higher than 5 mg/L.
Linear Range	SAA: 5mg/L ~ 200.0mg/L, linear correlation coefficient r ≥ 0.990.

Feature	Value
Condition	Specification
Indicator	Specification
Accuracy	Relative deviation no greater than 20%.
Repeatability	Repeatability should be no greater than 10%.
Batch-to-Batch Precision	Batch-to-batch difference should be no greater than 15%.
Stability	When stored at 4~30°C in a sealed aluminum foil bag, products within 1 month of the expiration date should meet the requirements of the Packaging, Detection Buffer and Test Strip Appearance, Detection Buffer Volume and pH, Linear Range and Accuracy.