

Serum Amyloid A (SAA) Assay Kit (Latex-enhanced ITM)

Product Information

Cat#	Kit-081
Description	Utilizing latex particle immunoturbidimetry technology, the SAA assay kit captures serum amyloid A proteins—core acute-phase inflammatory biomarkers—through specific antigen-antibody agglutination reactions for precise concentration determination. The reagent features ultra-low detection limits to identify mild inflammatory responses at early onset stages, and exhibits consistent performance across pediatric, infectious and postoperative samples. It acts as an essential complementary detection tool alongside CRP for differential identification of bacterial and viral infections in labs.
Application	This product can be applied for quantitative detection of serum amyloid A protein by latex particle enhanced immunoturbidimetry.
Benefits	Provides high detection accuracy with R^2 greater than 0.99 and mean variation within $\pm 10\%$, paired with high specificity, high sensitivity and excellent anti-interference performance.
Precision	Intra-assay CV $\leq 3\%$; Inter-assay CV $\leq 6\%$.
Linear Range of Detection	This Assay Kit shows a good linearity for SAA concentration between 5-400 mg/L.
Anti-interference Performance	Bilirubin ≤ 50 mg/dL; Hemoglobin ≤ 750 mg/dL; Lipemia ≤ 500 mg/dL; Rheumatoid Factors ≤ 500 IU/mL
Storage	Excellent stability can be maintained for 18 months when stored sealed below 4°C ; stable within 28 days after opening.
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