

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A07303B **Lot #:** 1F16921

Description: Sm (Smith) Antigen

Source: Bovine thymus of US origin.

Format: Affinity Purified, Liquid

Purification: Immobilized human anti-Sm immune globulins. Purification is verified by SDS PAGE.
Other antigens (SSA, SSB, RNP, Scl-70, Jo-1) are not detected with ELISA assays.

Concentration: Protein Concentration: 0.344 mg/mL (OD280nm)
Activity: 1000 Units/mL
One unit of activity is the amount of antigen that will generate an absorbance of 1.2 when assayed using standard procedure for enzyme immunoassay. Activity will vary with assay conditions/protocols.

Buffer: 0.01 M Tris, 0.53 M Sodium Chloride.

Preservative: 0.02% Sodium Azide

Application: Use in standard solid phase Immunoassays. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Aliquot and store at $-70^{\circ}\text{C} \pm 10^{\circ}\text{C}$. Avoid multiple freeze-thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



18 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY