



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet Sm (Smith) Antigen

Catalog No.

MD-27-0012P

Source

Bovine thymus of US origin

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: 0.398mg/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:

0.01M Tris, 0.53M 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 $-70^{\circ}\text{C} + 10^{\circ}\text{C}$. Avoid multiple freeze-thaw cycles.

Inactivation:

Not applicable

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**