

Sm (non recombinant; bovine)

Antigen Specification

Product Number: 17500

Description:

Bovine Sm proteins.
Natural antigen for in vitro research
and manufacturing use only.

Immunological function:

Binds IgG-type human auto-antibodies.

Origin:

Native. Purified from bovine tissues by
protein-chemical methods.

Biochemical tests:

SDS-PAGE (purity > 70%); Western
blot with anti-Sm autoantibody-positive
sample.

Immunological tests/Functionality:

Standard ELISA test (checkerboard
analysis of positive/negative samples);
immunodot analyses with
positive/negative samples.

**Recommended buffer/storage and
handling conditions:**

Recommendations for storage buffer:
neutral to slightly alkaline pH and 20%
glycerol as cryoprotective agent.
Storage conditions: -70°C or below.
Repeated freeze/thaw cycles should
be avoided.

Coating concentration:

0.4-0.8 µg/mL (depending on the type
of ELISA plate and coating buffer).
Suitable for labeling of functional
groups.

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