

DNA Topoisomerase I (Scl-70; non recombinant; bovine)

Antigen Specification

Product Number: 11500

Description:

Bovine DNA Topoisomerase I (Scl-70) antigen. Natural antigen for research use or manufacturing 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-Scl-70 autoantibody-positive sera.

Immunological tests/Functionality:

Standard ELISA test (checkerboard analysis of positive/negative sera panels); immunodot with positive/negative sera panels.

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: ionic strength between 300 and 500 mM salt, 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:

0.5-0.8 µg/ml (depending on the type of ELISA plate and coating buffer). Suitable for labeling of functional groups.

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