

## Mouse anti-scleroderma 70 Antibody, SCL70/topol ELISA Kit | SCL70/topol elisa kit

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CATALOG #  
**AAA247331**

REACTIVITY  
**Mouse**

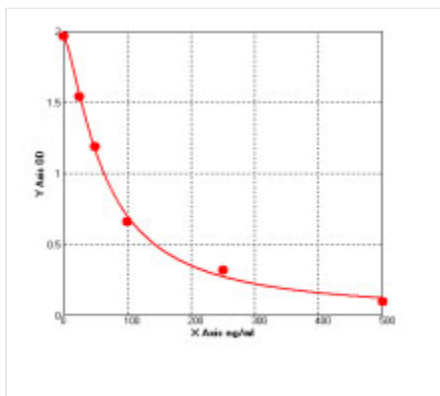
### PRODUCT SYNONYMS

anti-scleroderma 70 Antibody; SCL70/topol; Mouse anti-scleroderma 70 Antibody; SCL70/topol ELISA Kit; SCL70/topol elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of SCL70Ab. No significant cross-reactivity or interference between SCL70Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SCL70Ab and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                          |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                        |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity Note         | No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.                                                                                                                      |
| Preparation and Storage | Store at 2-8 degree C.<br>The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.                                                                                                                                                                                              |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| <b>Related Product Information for SCL70/topoi elisa kit</b> | <p>Principle of the Assay: SCL70Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing scleroderma 70 antigen and an SCL70Ab-HRP conjugate. The assay sample and buffer are incubated together with SCL70Ab-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SCL70Ab concentration since SCL70Ab from samples and SCL70Ab-HRP conjugate compete for the scleroderma 70 antigen binding site. Since the number of sites is limited, as more sites are occupied by SCL70Ab from the sample, fewer sites are left to bind SCL70Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCL70Ab concentration in each sample is interpolated from this standard curve..</p> <p>Intended Uses: This SCL70Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SCL70Ab. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/anti-scleroderma-70-antibody-scl70-topoi/247331>