

## Mouse Scl-70 Antibody ELISA Kit | Scl-70 elisa kit

Mouse Scl-70 Antibody ELISA Kit

CATALOG #  
**AAA16320**

REACTIVITY  
**Mouse**

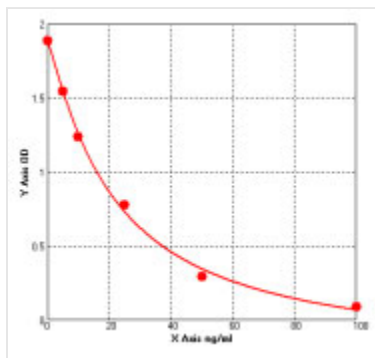
### PRODUCT SYNONYMS

Scl-70 Antibody; Mouse Scl-70 Antibody ELISA Kit; Scl-70 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of SCL-70Ab. No significant cross-reactivity or interference between SCL-70Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SCL-70Ab 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                                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | Store all reagents at 2-8 degree C                                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Scl-70 elisa kit | <p>Principle of the Assay: SCL-70Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing SCL70 antigen and an SCL-70Ab-HRP conjugate. The assay sample and buffer are incubated together with SCL-70Ab-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 SCL-70Ab concentration since SCL-70Ab from samples and SCL-70Ab-HRP conjugate compete for the SCL70 antigen binding site. Since the number of sites is limited, as more sites are occupied by SCL-70Ab from the sample, fewer sites are left to bind SCL-70Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCL-70Ab concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This SCL-70Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SCL-70Ab. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
| Product Categories/Family for Scl-70 elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

**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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