

Mouse Anti-SCL-70 antibody ELISA Kit | SCL-70 elisa kit

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CATALOG #
AAA16570

REACTIVITY
Mouse

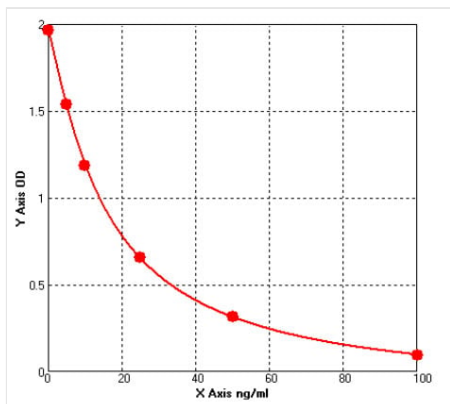
PRODUCT SYNONYMS

Anti-SCL-70 antibody; Mouse Anti-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 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
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCL-70 elisa kit	Principle of the Assay: SCL70Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing SCL70 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 SCL70 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. 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 diagnostic applications!
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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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/anti-scl-70-antibody/16570>