

Mouse Anti-Smooth Muscle Antibody ELISA Kit | ASMA elisa kit

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CATALOG #
AAA85524

REACTIVITY
Mouse

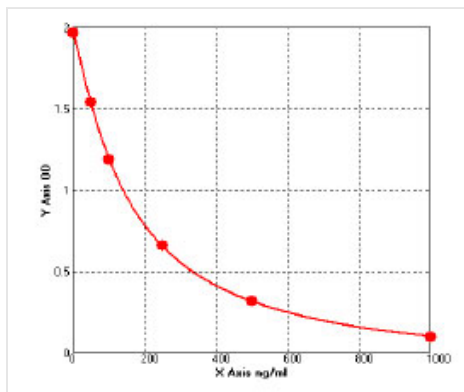
PRODUCT SYNONYMS

Anti-Smooth Muscle Antibody; Mouse Anti-Smooth Muscle Antibody ELISA Kit; ASMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SMAb. No significant cross-reactivity or interference between SMAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SMAb 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 ASMA elisa kit	Principle of the Assay: SMAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Smooth Muscle antigen and an SMAb-HRP conjugate. The assay sample and buffer are incubated together with SMAb-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 SMAb concentration since SMAb from samples and SMAb-HRP conjugate compete for the Smooth Muscle antigen binding site. Since the number of sites is limited, as more sites are occupied by SMAb from the sample, fewer sites are left to bind SMAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SMAb concentration in each sample is interpolated from this standard curve. Intended Uses: This SMAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SMAb. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ASMA elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	223694040
Molecular Weight	72,824 Da
NCBI Official Full Name	AsmA
UniProt Protein Name	AsmA
UniProt Gene Name	asmA
UniProt Synonym Gene Names	HRM2_42670
UniProt Entry Name	C0QDQ2_DESAH

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/asma-mouse-elisa-kits/anti-smooth-muscle-antibody/85524>