

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

Rat Anti-Smooth Muscle Antibody ELISA Kit

CATALOG #
AAA83334

REACTIVITY
Rat

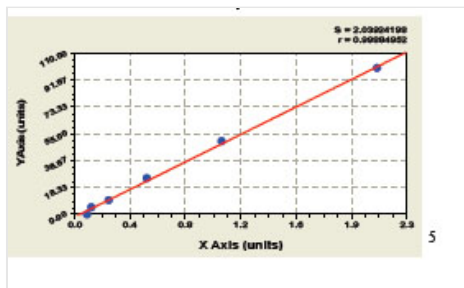
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	5.0-100?g/mL
Sensitivity	1.0?g/ml
Intended Uses	This ASMA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ASMA. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This ASMA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ASMA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ASMA elisa kit

Principle of the Assay: ASMA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ASMA. Standards or samples are then added to the microtiter plate wells and ASMA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ASMA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ASMA are added to each well to "sandwich" the ASMA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ASMA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASMA concentration in each sample is interpolated from this standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/asma-rat-elisa-kits/anti-smooth-muscle-antibody/83334>