

Rat Skeletal muscle Actinin-alpha ELISA Kit | Sm Actinin-alpha elisa kit

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CATALOG #
AAA84481

REACTIVITY
Rat

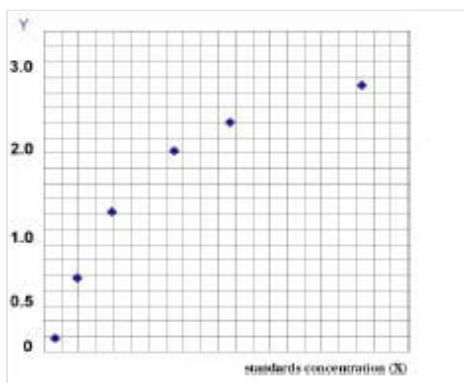
PRODUCT SYNONYMS

Skeletal muscle Actinin-alpha; Rat Skeletal muscle Actinin-alpha ELISA Kit; Rat Skeletal muscle Actinin-a ELISA Kit; Sm Actinin-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ug/mL
Sensitivity	0.1ug/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sm Actinin-alpha elisa kit	Intended Uses: This Sm Actinin-a ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of Sm Actinin-a in the sample, this Sm Actinin-a ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus Sm Actinin-a concentration. The concentration of Sm Actinin-a in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This Sm Actinin-a enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for Sm Actinin-a. Standards or samples are then added to the microtiter plate wells and Sm Actinin-a if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Sm Actinin-a present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for Sm Actinin-a are added to each well to "sandwich" the Sm Actinin-a immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that contain Sm Actinin-a and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
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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://stage.aaabiotech.com/sm-actinin-alpha-rat-elisa-kits/skeletal-muscle-actinin-alpha/84481>