

Human Skeletal muscle Actinin Alpha ELISA Kit | Sm Actinin Alpha elisa kit

Human Skeletal muscle Actinin Alpha ELISA Kit

CATALOG #
AAA87223

REACTIVITY
Human

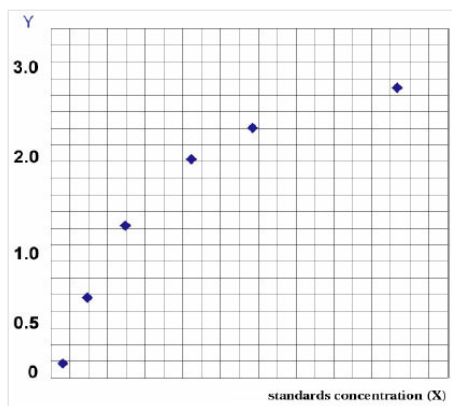
PRODUCT SYNONYMS

Skeletal muscle Actinin Alpha; Human Skeletal muscle Actinin Alpha ELISA Kit; Sm Actinin Alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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-α 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-α in the sample, this Sm Actinin-α 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-α concentration. The concentration of Sm Actinin-α 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-α 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-α. Standards or samples are then added to the microtiter plate wells and Sm Actinin-α if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Sm Actinin-α present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for Sm Actinin-α are added to each well to "sandwich" the Sm Actinin-α 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-α 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.
---	--

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/sm-actinin-alpha-human-elisa-kits/skeletal-muscle-actinin-alpha/87223>