

Canine Myosin ELISA Kit | MYS elisa kit

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CATALOG #
AAA92283

REACTIVITY
Canine

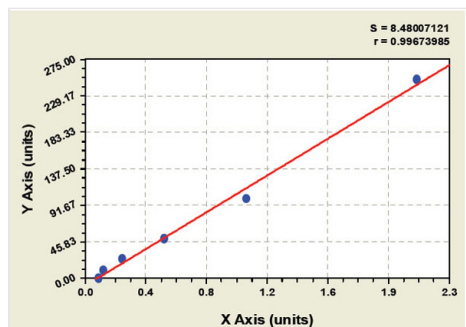
PRODUCT SYNONYMS

Myosin; Canine Myosin ELISA Kit; MYS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This MYS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine MYS. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYS elisa kit

Principle of the Assay: MYS ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for MYS. Standards or samples are then added to the microtiter plate wells and MYS if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of MYS present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for MYS are added to each well to "sandwich" the MYS 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 MYS 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 MYS concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	433663
UniProt Accession #	Q39160; Q9LNP7
Molecular Weight	172,908 Da
NCBI Official Full Name	myosin
UniProt Protein Name	Myosin-5
UniProt Gene Name	XI-1
UniProt Synonym Gene Names	MYA1; At1g17580; F1L3.28
UniProt Entry Name	MYO5_ARATH

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/mys-canine-elisa-kits/myosin/92283>