

Porcine Myosin ELISA Kit | MYS elisa kit

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CATALOG #
AAA88546

REACTIVITY
Porcine

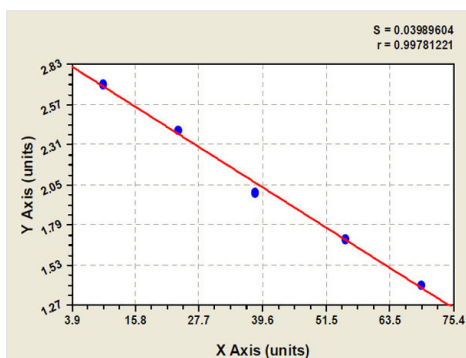
PRODUCT SYNONYMS

Myosin; Porcine Myosin ELISA Kit; MYS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL.
Assay Type	Competitive
Intended Uses	This MYS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-MYS antibody and an MYS-HRP conjugate. The assay sample and buffer are incubated together with MYS-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 MYS concentration since MYS from samples and MYS-HRP conjugate compete for the anti-MYS antibody binding site. Since the number of sites is limited, as more sites are occupied by MYS from the sample, fewer sites are left to bind MYS-HRP conjugate. 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.

Product Categories/Family for MYS elisa kit

Cell Biology

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-porcine-elisa-kits/myosin/88546>