

Human Myostatin ELISA Kit | Myostatin elisa kit

Human Myostatin ELISA Kit

CATALOG #
AAA17075

REACTIVITY
Human

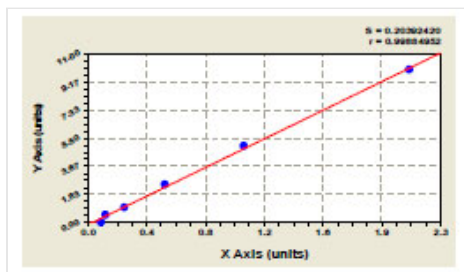
PRODUCT SYNONYMS

Myostatin; Human Myostatin ELISA Kit; Myostatin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Myostatin elisa kit

Intended Uses: This MSTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MSTN.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4572644
UniProt Accession #	Q9TSY4
Molecular Weight	14,932 Da
NCBI Official Full Name	myostatin, partial
UniProt Protein Name	Myostatin
UniProt Gene Name	MSTN
UniProt Entry Name	Q9TSY4_PIG

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/human-elisa-kits/myostatin/17075>