

Bovine myostatin ELISA Kit | MSTN elisa kit

Bovine Growth/differentiation factor 8, MSTN ELISA Kit

CATALOG #
AAA18210

REACTIVITY
Bovine

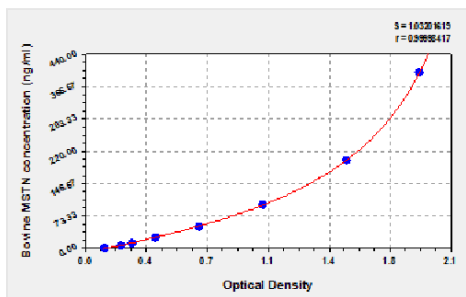
PRODUCT SYNONYMS

myostatin; Bovine Growth/differentiation factor 8; MSTN ELISA Kit; Bovine Growth/differentiation factor 8 (MSTN) ELISA kit; GDF8; growth differentiation factor 8; MSTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine MSTN. No significant cross-reactivity or interference between bovine MSTN and analogues was observed.
Sequence Length	375
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	6.25 ng/ml-400 ng/ml
Sensitivity	< 1.56 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSTN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MSTN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MSTN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MSTN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MSTN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48314966
NCBI GeneID	281187
NCBI Accession #	NP_001001525.1
NCBI GenBank Nucleotide #	NM_001001525.2
UniProt Accession #	O18836; O18829; Q564D4; Q8WNS6; Q95N97; A4IFF8
Molecular Weight	42,551 Da
NCBI Official Full Name	growth/differentiation factor 8
NCBI Official Synonym Full Names	myostatin<
NCBI Official Symbol	MSTN
NCBI Official Synonym Symbols	GDF8
NCBI Protein Information	growth/differentiation factor 8; GDF-8; growth differentiation factor 8
UniProt Protein Name	Growth/differentiation factor 8
UniProt Gene Name	MSTN
UniProt Synonym Gene Names	GDF8; MH; GDF-8
UniProt Entry Name	GDF8_BOVIN

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/mstn-bovine-ovine-elisa-kits/myostatin/18210>