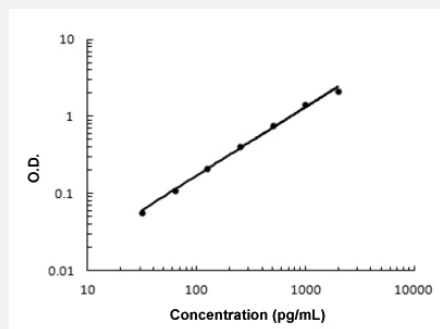


MSTN (Human) ELISA Kit

Catalog # KA5828 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	MSTN (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human MSTN.
Suitable Sample	Cell Culture Supernates, Plasma (EDTA, Heparin), and Serum.
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — MSTN

Entrez GeneID [2660](#)

Protein Accession# [O14793](#)

Gene Name MSTN

Gene Alias GDF8

Gene Description myostatin

Omim ID [601788](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. This gene is thought to encode a secreted protein which negatively regulates skeletal muscle growth. [provided by RefSeq]

Other Designations growth differentiation factor 8

Disease

- [Genetic Predisposition to Disease](#)
- [Muscle Weakness](#)
- [Muscular Atrophy](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)

- [Tobacco Use Disorder](#)