

Human macrophage stimulating 1 (hepatocyte growth factor-like) ELISA Kit | MST1 elisa kit

Human macrophage stimulating protein, MSP ELISA Kit

CATALOG #
AAA79692

REACTIVITY
Human

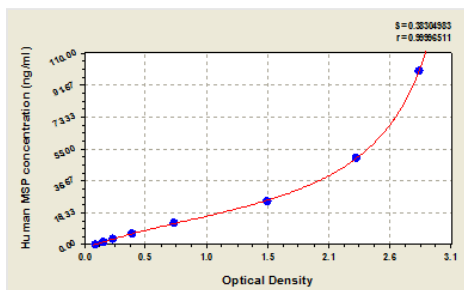
PRODUCT SYNONYMS

macrophage stimulating 1 (hepatocyte growth factor-like); Human macrophage stimulating protein; MSP ELISA Kit; D3F15S2; DNF15S2; HGFL; MSP; NF15S2; hepatocyte growth factor-like protein homolog; MST1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MSP. No significant cross-reactivity or interference between human MSP and analogues was observed.
Sequence Length	725
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.156 ng/ml -10 ng/ml.
Sensitivity	0.039 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 MST1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MSP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MSP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MSP 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 MSP 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 #	205277383
NCBI GeneID	4485
NCBI Accession #	NP_066278.3
NCBI GenBank Nucleotide #	NM_020998.3
UniProt Accession #	P26927; Q13350; Q14870; Q6GTN4; A6NLA3; A8MSX3
Molecular Weight	80,320 Da
NCBI Official Full Name	hepatocyte growth factor-like protein
NCBI Official Synonym Full Names	macrophage stimulating 1 (hepatocyte growth factor-like)
NCBI Official Symbol	MST1
NCBI Official Synonym Symbols	MSP; HGFL; NF15S2; D3F15S2; DNF15S2
NCBI Protein Information	hepatocyte growth factor-like protein; macrophage-stimulating protein; hepatocyte growth factor-like protein homolog
UniProt Protein Name	Hepatocyte growth factor-like protein
UniProt Gene Name	MST1
UniProt Synonym Gene Names	D3F15S2; DNF15S2; HGFL; MSP
UniProt Entry Name	HGFL_HUMAN

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/mst1-human-elisa-kits/macrophage-stimulating-1-hepatocyte-growth-factor-like/79692>