

Rat Macrophage Stimulating Protein (MSP) ELISA Kit | MSP elisa kit

Rat Macrophage Stimulating Protein (MSP) ELISA Kit

CATALOG #
AAA67936

REACTIVITY
Rat

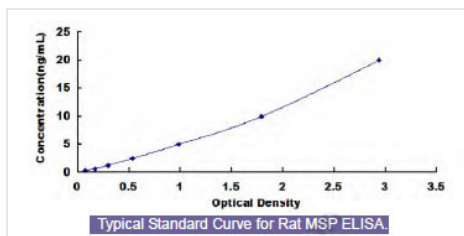
PRODUCT SYNONYMS

Macrophage Stimulating Protein (MSP); Rat Macrophage Stimulating Protein (MSP) ELISA Kit; MST1; HGFL; NF15S2; Hepatocyte Growth Factor-Like Protein; Macrophage Stimulating 1; MSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of MSP. No significant cross-reactivity or interference between MSP and analogues was observed.
Sequence Length	716
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.109ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MSP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MSP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MSP in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MSP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MSP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MSP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MSP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	13242239
NCBI GeneID	24566
NCBI Accession #	NP_077328.1
NCBI GenBank Nucleotide #	NM_024352.1
UniProt Accession #	P70521
Molecular Weight	80,733 Da
NCBI Official Full Name	hepatocyte growth factor-like protein
NCBI Official Synonym Full Names	macrophage stimulating 1
NCBI Official Symbol	Mst1
NCBI Official Synonym Symbols	E2F2
NCBI Protein Information	hepatocyte growth factor-like protein
UniProt Protein Name	Macrophage stimulating 1 (Hepatocyte growth factor-like)
UniProt Gene Name	Mst1

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/rat-elisa-kits/macrophage-stimulating-protein-msp/67936>