

Chicken Macrophage stimulating protein ELISA Kit | MSP elisa kit

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CATALOG #
AAA93992

REACTIVITY
Chicken

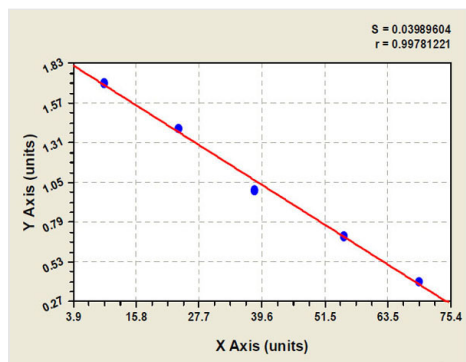
PRODUCT SYNONYMS

Macrophage stimulating protein; Chicken Macrophage stimulating protein ELISA Kit; MSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This MSP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken MSP. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSP elisa kit

Principle of the Assay: MSP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MSP antibody and an MSP-HRP conjugate. The assay sample and buffer are incubated together with MSP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MSP concentration since MSP from samples and MSP-HRP conjugate compete for the anti-MSP antibody binding site. Since the number of sites is limited, as more sites are occupied by MSP from the sample, fewer sites are left to bind MSP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MSP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	398038
NCBI GeneID	4485
Molecular Weight	80,320 Da
NCBI Official Full Name	macrophage-stimulating 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.

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Online datasheet: <https://stage.aaabiotech.com/msp-chicken-elisa-kits/macrophage-stimulating-protein/93992>