

Canine Macrophage stimulating protein ELISA Kit | MSP elisa kit

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CATALOG #
AAA96115

REACTIVITY
Canine

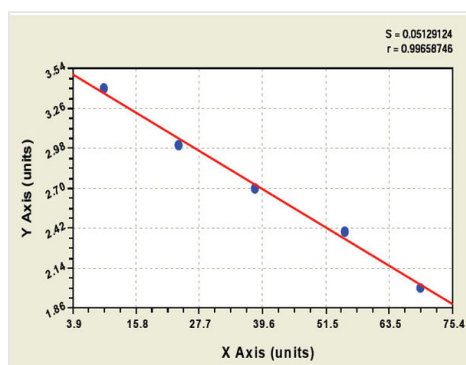
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
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.

Product Categories/Family for MSP elisa kit

Cell Biology

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-canine-elisa-kits/macrophage-stimulating-protein/96115>