

## Monkey Macrophage stimulating protein ELISA Kit | MSP elisa kit

Monkey Macrophage stimulating protein ELISA Kit

CATALOG #  
**AAA95739**

REACTIVITY  
**Monkey**

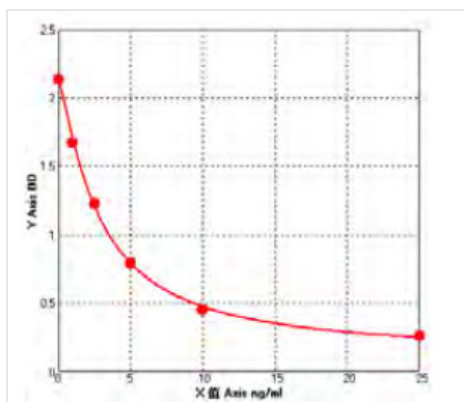
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                                                                                                                                                                                                                |
| 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MSP and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

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|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MSP elisa kit | <p>Principle of the Assay: MSP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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.</p> <p>Intended Uses: This MSP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey MSP. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| 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                | <b>MST1</b>                                                                                                          |
| 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-monkey-elisa-kits/macrophage-stimulating-protein/95739>