

## Human Moesin (MSN) ELISA Kit | MSN elisa kit

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CATALOG #  
AAA245726

REACTIVITY  
Human

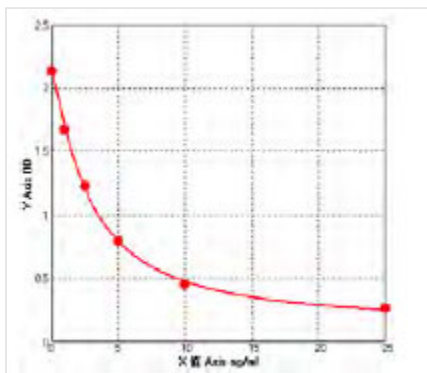
### PRODUCT SYNONYMS

Moesin (MSN); Human Moesin (MSN) ELISA Kit; MSN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of MSN. No significant cross-reactivity or interference between MSN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MSN and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity             | 1 pg/mL                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MSN elisa kit | <p>Intended Uses: This MSN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MSN. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: MSN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MSN antibody and an MSN-HRP conjugate. The assay sample and buffer are incubated together with MSN-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 MSN concentration since MSN from samples and MSN-HRP conjugate compete for the anti-MSN antibody binding site. Since the number of sites is limited, as more sites are occupied by MSN from the sample, fewer sites are left to bind MSN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MSN concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for MSN elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| NCBI GI #                        | 4505257                                                                            |
| NCBI GeneID                      | 4478                                                                               |
| NCBI Accession #                 | NP_002435.1                                                                        |
| NCBI GenBank Nucleotide #        | NM_002444.2                                                                        |
| Molecular Weight                 | 67,820 Da                                                                          |
| NCBI Official Full Name          | moesin                                                                             |
| NCBI Official Synonym Full Names | moesin                                                                             |
| NCBI Official Symbol             | MSN                                                                                |
| NCBI Official Synonym Symbols    | HEL70                                                                              |
| NCBI Protein Information         | moesin; epididymis luminal protein 70; membrane-organizing extension spike protein |
| UniProt Protein Name             | Moesin                                                                             |
| UniProt Gene Name                | MSN                                                                                |
| UniProt Entry Name               | MOES_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.