

Rat Moesin (MSN) ELISA Kit | MSN elisa kit

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CATALOG #
AAA27174

REACTIVITY
Rat

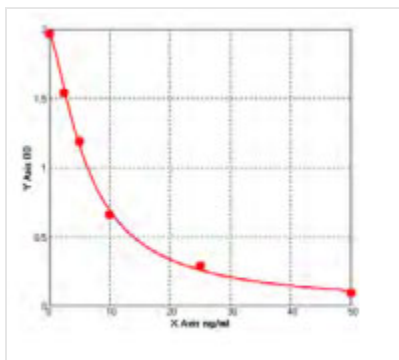
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
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

Related Product Information for MSN elisa kit	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. Intended Uses: This MSN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat MSN. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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.