

Human Microtubule Associated Serine/Threonine Kinase 2 (MAST2) ELISA Kit | MAST2 elisa kit

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CATALOG # AAA136202	REACTIVITY Human
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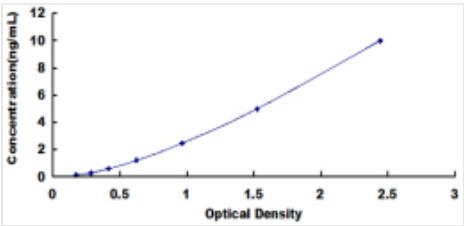
PRODUCT SYNONYMS

Microtubule Associated Serine/Threonine Kinase 2 (MAST2); Human Microtubule Associated Serine/Threonine Kinase 2 (MAST2) ELISA Kit; MAST205; MTSSK; MAST2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Microtubule Associated Serine/Threonine Kinase 2 (MAST2). No significant cross-reactivity or interference between Microtubule Associated Serine/Threonine Kinase 2 (MAST2) and analogues was observed.
Sequence Length	1797
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Microtubule Associated Serine/Threonine Kinase 2 (MAST2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Microtubule Associated Serine/Threonine Kinase 2 (MAST2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAST2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Microtubule Associated Serine/Threonine Kinase 2 (MAST2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Microtubule Associated Serine/Threonine Kinase 2 (MAST2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Microtubule Associated Serine/Threonine Kinase 2 (MAST2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Microtubule Associated Serine/Threonine Kinase 2 (MAST2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MAST2 elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	41350925
NCBI GeneID	23139
UniProt Accession #	Q6P0Q8; O94899; Q5VT07; Q5VT08; Q7LGC4; Q8NDG1; Q96B94; Q9BYE8
Molecular Weight	176,132 Da
NCBI Official Full Name	Microtubule associated serine/threonine kinase 2
NCBI Official Synonym Full Names	microtubule associated serine/threonine kinase 2
NCBI Official Symbol	MAST2
NCBI Official Synonym Symbols	MTSSK; MAST205
NCBI Protein Information	microtubule-associated serine/threonine-protein kinase 2
UniProt Protein Name	Microtubule-associated serine/threonine-protein kinase 2
UniProt Gene Name	MAST2
UniProt Entry Name	MAST2_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.