

Rat MAS1 Oncogene (MAS1) ELISA Kit | MAS1 elisa kit

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CATALOG #
AAA187359

REACTIVITY
Rat

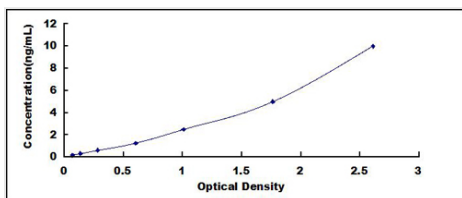
PRODUCT SYNONYMS

MAS1 Oncogene (MAS1); Rat MAS1 Oncogene (MAS1) ELISA Kit; MAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of MAS1 Oncogene (MAS1). No significant cross-reactivity or interference between MAS1 Oncogene (MAS1) and analogues was observed.
Sequence Length	248
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level MAS1 Oncogene (MAS1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level MAS1 Oncogene (MAS1) 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 MAS1 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 MAS1 Oncogene (MAS1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to MAS1 Oncogene (MAS1). 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 MAS1 Oncogene (MAS1), 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 MAS1 Oncogene (MAS1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	327556934
Molecular Weight	28,410 Da
NCBI Official Full Name	MAS1 oncogene, partial
UniProt Protein Name	MAS1 oncogene
UniProt Gene Name	MAS1

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/rat-elisa-kits/mas1-oncogene-mas1/187359>