# Mouse Myc-associated zinc finger protein (MAZ) ELISA Kit

Catalog No: #EK9849

Package Size: #EK9849-1 48T #EK9849-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

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|---|---|
| Product Name | Mouse Myc-associated zinc finger protein (MAZ) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Mouse (Mus musculus) |
| Other Names | PUR1; Pur-1; SAF-1; SAF-2; SAF-3; ZF87; ZNF801; Zif87; MYC-associated zinc finger protein\|purine-binding transcription factor\|serum amyloid A activating factor 1\|serum amyloid A activating factor 2\| |
| Accession No. | P56671 |
| Uniprot | P56671 |
| Storage | The stability of ELISA 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.<br>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C). |

## Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate MAZ in samples. An antibody specific for MAZ has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyMAZ present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAZ is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MAZ bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:The MYC gene product functions as a DNA-specific transcription factor. A related polypeptide called MAX , for MYC-associated factor X, dimerizes with MYC to optimize DNA binding. A paucity of negative regulatory elements have been reported for the MYC gene which regulate transcription from 2 initiation sites specified by the P1 and P2 promoters. ME1a1, a 16-bp nuclear nuclear factor binding site residing between MYC P1 and P2 transcription initiation sites, is required for P2 activity. MAZ, Its mRNA was present in all tissues tested (except kidney) as a doublet of approximately 2.5 to 2.7 kb, along with differentially expressed minor species. The authors speculated that MAZ may encode a transcription factor with dual roles in transcription initiation and termination.

Note: This product is for in vitro research use only