

Human Transcription factor Maf (MAF) ELISA Kit | MAF elisa kit

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CATALOG #
AAA93739

REACTIVITY
Human

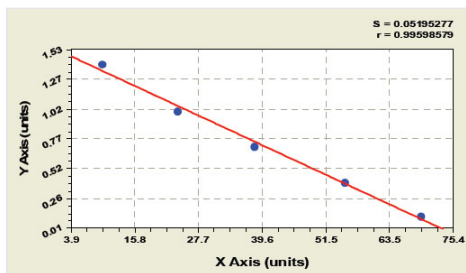
PRODUCT SYNONYMS

Transcription factor Maf (MAF); Human Transcription factor Maf (MAF) ELISA Kit; MAF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ug/ml
Sensitivity	0.1ug/ml
Intended Uses	This MAF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MAF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAF elisa kit

Principle of the assay: MAF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MAF antibody and an MAF-HRP conjugate. The assay sample and buffer are incubated together with MAF-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 MAF concentration since MAF from samples and MAF-HRP conjugate compete for the anti-MAF antibody binding site. Since the number of sites is limited, as more sites are occupied by MAF from the sample, fewer sites are left to bind MAF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MAF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MAF elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	73427806
NCBI GeneID	4094
NCBI Accession #	NP_001026974.1
NCBI GenBank Nucleotide #	NM_001031804.2
Molecular Weight	41,961 Da
NCBI Official Full Name	transcription factor Maf isoform b
NCBI Official Synonym Full Names	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog
NCBI Official Symbol	MAF
NCBI Official Synonym Symbols	CCA4; c-MAF
NCBI Protein Information	transcription factor Maf; c-maf proto-oncogene; proto-oncogene c-Maf; T lymphocyte c-maf long form; Avian musculoaponeurotic fibrosarcoma (MAF) protooncogene
UniProt Protein Name	Transcription factor Maf
UniProt Gene Name	MAF
UniProt Entry Name	MAF_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/transcription-factor-maf-maf/93739>