

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

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CATALOG #
AAA331899

REACTIVITY
Human

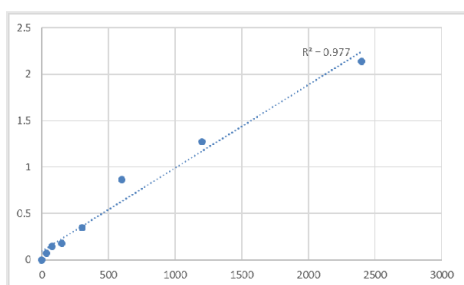
PRODUCT SYNONYMS

Transcription Factor Maf (MAF); Human Transcription Factor Maf (MAF) ELISA Kit; MAF; MGC71685; c-MAF; Avian musculoaponeurotic fibrosarcoma (MAF) protooncogene; T lymphocyte c-maf long form; c-maf proto-oncogene; v-maf musculoaponeurotic fibrosarcoma oncogene homolog; MAF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transcription factor Maf (MAF) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAF. No significant cross-reactivity or interference between Human MAF and analogues was observed.
Sequence Length	373
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Transcription factor Maf (MAF) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAF elisa kit	Description: This Human Transcription factor Maf (MAF) ELISA Kit employs a two-site sandwich ELISA to quantitate MAF in samples. An antibody specific for MAF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAF 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 MAF bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein encoded by MAF is a DNA-binding, leucine zipper-containing transcription factor that acts as a homodimer or as a heterodimer. Depending on the binding site and binding partner, the encoded protein can be a transcriptional activator or repressor. This protein plays a role in the regulation of several cellular processes, including embryonic lens fiber cell development, increased T-cell susceptibility to apoptosis, and chondrocyte terminal differentiation. Defects in this gene are a cause of juvenile-onset pulverulent cataract as well as congenital cerulean cataract 4 (CCA4). Two transcript variants encoding different isoforms have been found for MAF.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73427806
NCBI GeneID	4094
NCBI Accession #	NP_001026974.1
NCBI GenBank Nucleotide #	NP_001026974.1
UniProt Accession #	O75444
NCBI Official Full Name	transcription factor Maf isoform b
NCBI Official Synonym Full Names	MAF bZIP transcription factor
NCBI Official Symbol	MAF
NCBI Official Synonym Symbols	CCA4; AYGRP; c-MAF; CTRCT21
NCBI Protein Information	transcription factor Maf
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.