Human Transcription factor MafB (MAFB) ELISA Kit | MAFB elisa kit

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CATALOG #	REACTIVITY
AAA244686	**Human**

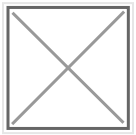
PRODUCT SYNONYMS

Transcription factor MafB (MAFB); Human Transcription factor MafB (MAFB) ELISA Kit; MAFB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAFB. No significant cross-reactivity or interference between MAFB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MAFB and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAFB elisa kit	Intended Uses: This MAFB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MAFB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: MAFB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-MAFB antibody and an MAFB-HRP conjugate. The assay sample and buffer are incubated together with MAFB-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 MAFB concentration since MAFB from samples and MAFB-HRP conjugate compete for the anti-MAFB antibody binding site. Since the number of sites is limited, as more sites are occupied by MAFB from the sample, fewer sites are left to bind MAFB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MAFB concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MAFB elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	23308699
NCBI GeneID	9935
NCBI Accession #	NP_005452.2
NCBI GenBank Nucleotide #	NM_005461.4
Molecular Weight	35,792 Da
NCBI Official Full Name	transcription factor MafB
NCBI Official Synonym Full Names	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog B
NCBI Official Symbol	MAFB
NCBI Official Synonym Symbols	KRML; MCTO
NCBI Protein Information	transcription factor MafB; Kreisler maf-related leucine zipper homolog; MAFB/Kreisler basic region/leucine zipper transcription factor
UniProt Protein Name	Transcription factor MafB
UniProt Gene Name	**MAFB**
UniProt Synonym Gene Names	KRML; Maf-B
UniProt Entry Name	MAFB_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-mafb-mafb/244686