

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

Mouse Transcription factor MafB (MAFB) ELISA Kit

CATALOG #
AAA245088

REACTIVITY
Mouse

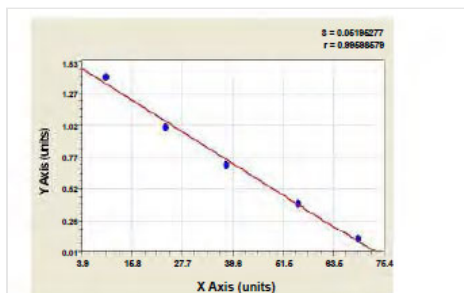
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/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 Mouse MAFB. This ELISA kit for research use only!

Principle of the Assay: MAFB ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/transcription-factor-mafb-mafb/245088>