

Mouse Transcription factor MafF (MAFF) ELISA Kit | MAFF elisa kit

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CATALOG #
AAA245647

REACTIVITY
Mouse

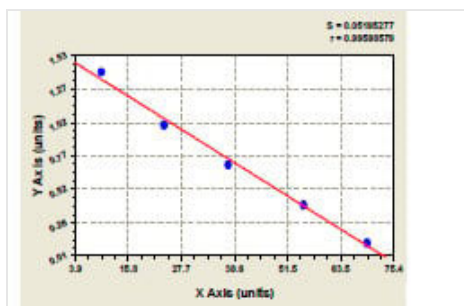
PRODUCT SYNONYMS

Transcription factor MafF (MAFF); Mouse Transcription factor MafF (MAFF) ELISA Kit; MAFF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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



ADDITIONAL INFORMATION

Related Product Information for MAFF elisa kit

Intended Uses: This MAFF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MAFF. This ELISA kit for research use only!

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

Product Categories/Family for MAFF elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	239048390
NCBI GeneID	23764
NCBI Accession #	NP_001155046.1
NCBI GenBank Nucleotide #	NM_001161574.1
Molecular Weight	14,569 Da
NCBI Official Full Name	transcription factor MafF isoform b
NCBI Official Synonym Full Names	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog F
NCBI Official Symbol	MAFF
NCBI Official Synonym Symbols	U-MAF; hMafF
NCBI Protein Information	transcription factor MafF; v-maf avian musculoaponeurotic fibrosarcoma oncogene family protein F
UniProt Protein Name	Transcription factor MafF
UniProt Gene Name	MAFF
UniProt Entry Name	MAFF_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://www.aaabiotech.com/mouse-elisa-kits/transcription-factor-maff-maff/245647>