Monkey Transcription factor MafA (MAFA) ELISA Kit | MAFA elisa kit

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CATALOG #	REACTIVITY
AAA245948	**Monkey**

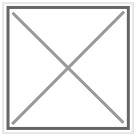
PRODUCT SYNONYMS

Transcription factor MafA (MAFA); Monkey Transcription factor MafA (MAFA) ELISA Kit; MAFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of MAFA. No significant cross-reactivity or interference between MAFA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MAFA 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	71274111
NCBI GeneID	389692
NCBI Accession #	NP_963883.2
NCBI GenBank Nucleotide #	NM_201589.3
Molecular Weight	36,982 Da
NCBI Official Full Name	transcription factor MafA
NCBI Official Synonym Full Names	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog A
NCBI Official Symbol	MAFA
NCBI Official Synonym Symbols	hMafA; RIPE3b1
NCBI Protein Information	transcription factor MafA; transcription factor RIPE3b1; pancreatic beta-cell-specific transcriptional activator
UniProt Protein Name	Transcription factor MafA
UniProt Gene Name	**MAFA**
UniProt Entry Name	MAFA_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/monkey-elisa-kits/transcription-factor-mafa-mafa/245948