

Monkey Methylglyoxal ELISA Kit | MG elisa kit

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CATALOG #
AAA97551

REACTIVITY
Monkey

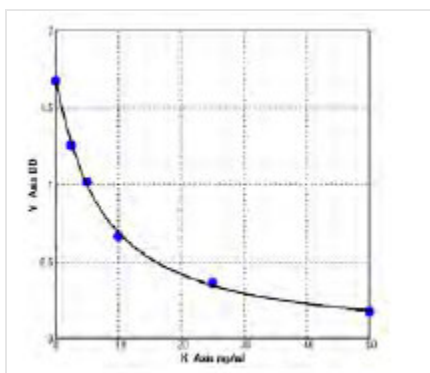
PRODUCT SYNONYMS

Methylglyoxal; Monkey Methylglyoxal ELISA Kit; MG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
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 MG elisa kit

Intended Uses: This MFGE8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine MFGE8. This ELISA kit for research use only!

Principle of the Assay: MFGE8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MFGE8 antibody and an MFGE8-HRP conjugate. The assay sample and buffer are incubated together with MFGE8-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 MFGE8 concentration since MFGE8 from samples and MFGE8-HRP conjugate compete for the anti-MFGE8 antibody binding site. Since the number of sites is limited, as more sites are occupied by MFGE8 from the sample, fewer sites are left to bind MFGE8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MFGE8 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	328949861
NCBI GeneID	10433215
NCBI Accession #	YP_004367196.1
NCBI GenBank Nucleotide #	NC_015387.1
Molecular Weight	13,616 Da
NCBI Official Full Name	methylglyoxal synthase
NCBI Official Symbol	Marky_0332
NCBI Protein Information	methylglyoxal synthase
UniProt Protein Name	Methylglyoxal synthase
UniProt Gene Name	mgsA
UniProt Synonym Gene Names	Marky_0332; MGS
UniProt Entry Name	F2NPY5_MARHT

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://stage.aaabiotech.com/mg-monkey-elisa-kits/methylglyoxal/97551>