



General MDA/Malondialdehyde ELISA Kit

E45K00830

Catalog Number:E45K00830

Species Reactivity:General

Storage:Store at +4°C. Please refer to protocols.

Cite ID#:EN5521280

Type:General ELISA Kits

Description:General MDA/Malondialdehyde ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of MDA in biological samples. Our rigorously validated, ready-to-go General MDA/Malondialdehyde ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect MDA in your samples. Appropriate sample types may include Cell Culture Supernates, Serum, Platelet-poor EDTA Plasma, Platelet-poor Heparin Plasma, Urine. Precision Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested several times on one plate to assess intra-assay precision. Inter-Assay Precision (Precision between assays): Three samples of known concentration were tested in several separate assays to assess inter-assay precision. Assays were performed by at least two technicians using two lots of components.

Assay type:Competitive

Detection principle:Spectrophotometrical

Sample type:This immunoassay kit allows for the in vitro quantitative determination in Serum, plasma, tissue homogenates, cell culture supernates and other biological fluids.

Sensitivity:0.088nmol/mL

Assay range:0.312-20nmol/mL

Kit components:Assay Plate, Standard, Sample Diluent, Assay Diluent A&B, Detection Reagent A&B, Wash Buffer, Substrate, Stop Solution.

Other reagents required:Deionized or distilled water

Gene Name:MDA

Function:Malondialdehyde reacts with deoxyadenosine and deoxyguanosine in DNA, forming DNA adducts, the primary one being M1G, which is mutagenic. The guanidine group of arginine residues condense with MDA to give 2-aminopyrimidines.

For Research Use Only

Form:ELISA Kits

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