General DAG/Diacylglycerol ELISA Kit

E45K00778

Catalog Number:E45K00778

Species Reactivity: General

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

Cite ID#:EN5521228

Type: General ELISA Kits

Description: General DAG/Diacylglycerol ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of DAG in biological samples. Our rigorously validated, ready-to-go General DAG/Diacylglycerol ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect DAG 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:0.262 ng/mL

Assay range:0.625-40 ng/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:DAG

Function:A diglyceride, or a diacylglycerol (DAG), is a glyceride consisting of two fatty acid chains covalently bonded to a glycerol molecule through ester linkages. One example, shown on the right, is 1-palmitoyl-2-oleoyl-glycerol, which contains side-chains derived from palmitic acid and oleic acid. Diacylglycerols can also have many different combinations of fatty

acids attached at both the C-1 and C-2 positions.

Form:ELISA Kits

Synonyms: Diglyceride