Mouse Ren1/Renin-1 ELISA Kit

E45K00669

Catalog Number:E45K00669

Species Reactivity: Mouse

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

Cite ID#:EN5521120

Type: Mouse ELISA Kits (Murine)

Research Field: Cardiovascular

Description: Mouse Ren1/Renin-1 ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of Ren1 in biological samples. Our rigorously validated, ready-to-go Mouse Ren1/Renin-1 ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect Ren1 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: Sandwich

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:8.01 pg/mL

Assay range:15.6-1000 pg/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: Ren1

Swiss-Prot No.:P06281

Function: Renin is a highly specific endopeptidase, whose only known function is to generate angiotensin I from

angiotensinogen in the plasma, initiating a cascade of reactions that produce an elevation of blood pressure and increased sodium retention by the kidney.

Form:ELISA Kits

Synonyms: Angiotensinogenase,Kidney renin,Ren,Ren-1