Human ACTN1/Alpha-actinin-1 ELISA Kit

E45K00584

Catalog Number:E45K00584

Species Reactivity: Human

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

Cite ID#:EN5521035

Type: Human ELISA Kits

Description: Human ACTN1/Alpha-actinin-1 ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of ACTN1 in biological samples. Our rigorously validated, ready-to-go Human ACTN1/Alpha-actinin-1 ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect ACTN1 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:0.078 ng/mL

Assay range:0.156-10 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:ACTN1

Swiss-Prot No.:P12814

Function:F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a

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bundling protein.

Form:ELISA Kits

Synonyms: Alpha-actinin cytoskeletal isoform,F-actin cross-linking protein,Non-muscle alpha-actinin-1