Human IL18/Interleukin-18 ELISA Kit

E45K00056

Catalog Number:E45K00056

Species Reactivity: Human

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

Cite ID#:EN5520507

Type: Human ELISA Kits

Description: Human IL18/Interleukin-18 ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of IL18 in biological samples. Our rigorously validated, ready-to-go Human IL18/Interleukin-18 ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect IL18 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:10 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:IL18

Swiss-Prot No.:Q14116

Function: Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I

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cells.

Form:ELISA Kits

Synonyms:IL-18,Iboctadekin,Interferon gamma-inducing factor,IFN-gamma-inducing factor,Interleukin-1 gamma,IL-1 gamma,IGIF,IL1F4