Human IL16/Pro-interleukin-16 ELISA Kit

E45K00054

Catalog Number:E45K00054

Species Reactivity: Human

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

Cite ID#:EN5520505

Type: Human ELISA Kits

Description: Human IL16/Pro-interleukin-16 ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of IL16 in biological samples. Our rigorously validated, ready-to-go Human IL16/Pro-interleukin-16 ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect IL16 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:IL16

Swiss-Prot No.:Q14005

Function: Isoform 3 is involved in cell cycle progression in T-cells. Appears to be involved in transcriptional regulation of

For Research Use Only

SKP2 and is probably part of a transcriptional repression complex on the core promoter of the SKP2 gene. May act as a scaffold for GABPB1 (the DNA-binding subunit the GABP transcription factor complex) and HDAC3 thus maintaining transcriptional repression and blocking cell cycle progression in resting T-cells.

Form:ELISA Kits