Human IL1B/Interleukin-1 beta ELISA Kit

E45K00195

Catalog Number:E45K00195

Species Reactivity: Human

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

Cite ID#:EN5520646

Type: Human ELISA Kits

Description: Human IL1B/Interleukin-1 beta ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of IL1B in biological samples. Our rigorously validated, ready-to-go Human IL1B/Interleukin-1 beta ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect IL1B 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:IL1B

Swiss-Prot No.:P01584

Function: Potent proinflammatory cytokine. Initially discovered as the major endogenous pyrogen, induces prostaglandin

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synthesis, neutrophil influx and activation, T-cell activation and cytokine production, B-cell activation and antibody production, and fibroblast proliferation and collagen production. Promotes Th17 differentiation of T-cells.

Form:ELISA Kits

Synonyms:IL-1 beta,Catabolin,IL1F2