Human SERPINH1/Serpin H1 ELISA Kit

E45K00556

Catalog Number:E45K00556

Species Reactivity: Human

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

Cite ID#:EN5521007

Type: Human ELISA Kits

Description: Human SERPINH1/Serpin H1 ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of SERPINH1 in biological samples. Our rigorously validated, ready-to-go Human SERPINH1/Serpin H1 ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect SERPINH1 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:100 pg/mL

Assay range:125-8000 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:SERPINH1

Swiss-Prot No.:P50454

Function: Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.

For Research Use Only

Form:ELISA Kits

Synonyms:47 kDa heat shock protein,Arsenic-transactivated protein 3,AsTP3,Cell proliferation-inducing gene 14 protein,Collagen-binding protein,Colligin,Rheumatoid arthritis-related antigen RA-A47,CBP1,CBP2,HSP47,SERPINH2,PIG14