Human CD55/Complement decay-accelerating factor ELISA Kit

E45K00611

Catalog Number:E45K00611

Species Reactivity: Human

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

Cite ID#:EN5521062

Type: Human ELISA Kits

Research Field: Development Biology

Description: Human CD55/Complement decay-accelerating factor ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of CD55 in biological samples. Our rigorously validated, ready-to-go Human CD55/Complement decay-accelerating factor ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect CD55 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:10.3 pg/mL

Assay range:31.2-2000 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:CD55

Swiss-Prot No.:P08174

For Research Use Only

Function:(Microbial infection) Acts as a receptor for coxsackievirus A21, coxsackieviruses B1, B3 and B5 (PubMed:9151867). Acts as a receptor for human enterovirus 70 and D68 (Probable) (PubMed:8764022). Acts as a receptor for human echoviruses 6, 7, 11, 12, 20 and 21 (PubMed:7525274).

Form:ELISA Kits

Synonyms:CD55,CR,DAF