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Product Datasheet

Human sRAGE(Soluble receptor for advanced glycation endproducts) ELISA Kit EBT-ELK10901

Artikelname	Human sRAGE(Soluble receptor for advanced glycation endproducts) ELISA Kit
Artikelnummer	EBT-ELK10901
Hersteller Artikelnummer	ELK10901
Alternativnummer	EBT-ELK10901-96, EBT-ELK10901-96X5, EBT-ELK10901-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	12.2 pg/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Tumor immunity, Endocrinology, Cardiovascular biology, Neuro science,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human sRAGE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human sRAGE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human sRAGE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Human sRAGE in the samples is then determined by comparing the OD of the samples to the standard curve