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Product Datasheet

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

Article Name	Human sRAGE(Soluble receptor for advanced glycation endproducts) ELISA Kit
Biozol Catalog Number	EBT-ELK10901
Supplier Catalog Number	ELK10901
Alternative Catalog Number	EBT-ELK10901-96, EBT-ELK10901-96X5, EBT-ELK10901-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	12.2 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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