

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human AGE(Advanced Glycation End Product) ELISA Kit EBT-ELK0081

Article Name	Human AGE(Advanced Glycation End Product) ELISA Kit
Biozol Catalog Number	EBT-ELK0081
Supplier Catalog Number	ELK0081
Alternative Catalog Number	EBT-ELK0081-96, EBT-ELK0081-48, EBT-ELK0081-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	8000 ng/mL
Range	125-8000 ng/mL
Sensitivity	38.2 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Endocrinology, Cardiovascular biology, Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human AGE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human AGE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 AGE in the samples is then determined by comparing the OD of the samples to the standard curve