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Product Datasheet

Human HIF3alpha(Hypoxia Inducible Factor 3 Alpha) ELISA Kit EBT-ELK0433

Article Name	Human HIF3alpha(Hypoxia Inducible Factor 3 Alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK0433
Supplier Catalog Number	ELK0433
Alternative Catalog Number	EBT-ELK0433-96, EBT-ELK0433-48, EBT-ELK0433-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.056 ng/mL
UniProt	Q9Y2N7
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: Cardiovascular biology,. 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 HIF3alpha. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human HIF3alpha. 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 HIF3alpha, 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 HIF3alpha in the samples is then determined by comparing the OD of the samples to the standard curve