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Product Datasheet

Human KDM4A(Lysine Specific Demethylase 4A) ELISA Kit EBT-ELK4412

Article Name	Human KDM4A(Lysine Specific Demethylase 4A) ELISA Kit
Biozol Catalog Number	EBT-ELK4412
Supplier Catalog Number	ELK4412
Alternative Catalog Number	EBT-ELK4412-96, EBT-ELK4412-48, EBT-ELK4412-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.128 ng/mL
UniProt	O75164
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 KDM4A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human KDM4A. 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 KDM4A, 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 KDM4A in the samples is then determined by comparing the OD of the samples to the standard curve