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Product Datasheet

Human WNT5A(Wingless Type MMTV Integration Site Family, Member 5A) ELISA Kit EBT-ELK5544

Article Name	Human WNT5A(Wingless Type MMTV Integration Site Family, Member 5A) ELISA Kit
Biozol Catalog Number	EBT-ELK5544
Supplier Catalog Number	ELK5544
Alternative Catalog Number	EBT-ELK5544-96, EBT-ELK5544-48, EBT-ELK5544-96X5
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	P41221
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 WNT5A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human WNT5A. 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 WNT5A, 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 WNT5A in the samples is then determined by comparing the OD of the samples to the standard curve