

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

Product Datasheet

Human Elafin (PI3) ELISA Kit BYT-ORB1291361

Article Name	Human Elafin (PI3) ELISA Kit
Biozol Catalog Number	BYT-ORB1291361
Supplier Catalog Number	orb1291361
Alternative Catalog Number	BYT-ORB1291361-48, BYT-ORB1291361-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	Human PI3 (Elafin) ELISA kit...
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.8 pg/mL
UniProt	P19957
Samples	Serum, plasma, tissue homogenates

Application Notes

Application Notes: standard: 500 pg/mL. 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 PI3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PI3. 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 PI3, 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 PI3 in the samples is then determined by comparing the OD of the samples to the standard curve