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Product Datasheet

Human Peptidase Inhibitor 3, Skin Derived (PI3/Elafin) ELISA Kit BYT-ORB1948059

Article Name	Human Peptidase Inhibitor 3, Skin Derived (PI3/Elafin) ELISA Kit
Biozol Catalog Number	BYT-ORB1948059
Supplier Catalog Number	orb1948059
Alternative Catalog Number	BYT-ORB1948059-48,BYT-ORB1948059-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Peptidase Inhibitor 3, Skin Derived (PI3/Elafin) ELISA Kit...
Range	31.25-2000pg/mL
Sensitivity	18.75 pg/mL
UniProt	P19957
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	PI3/Elafin

Application Notes	Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PI3/Elafin. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PI3/Elafin and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PI3/Elafin, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Human PI3/Elafin. You can calculate the concentration of Human PI3/Elafin in the samples by comparing the OD of the samples to the standard curve
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