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Product Datasheet

Human Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) ELISA Kit
BYT-ORB1948265

Article Name	Human Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) ELISA Kit
Biozol Catalog Number	BYT-ORB1948265
Supplier Catalog Number	orb1948265
Alternative Catalog Number	BYT-ORB1948265-48,BYT-ORB1948265-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.1 ng/mL
UniProt	Q06124
Samples	Tissue homogenate and Cell lysate
Target	PTPN11

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 PTPN11. 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 PTPN11 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 PTPN11, 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 2 nm. The OD value is proportional to the concentration of Human PTPN11. You can calculate the concentration of Human PTPN11 in the samples by comparing the OD of the samples to the standard curve