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Product Datasheet

Human UDP-glucose ceramide glucosyltransferase (UGCG) ELISA Kit BYT-ORB1948650

Article Name	Human UDP-glucose ceramide glucosyltransferase (UGCG) ELISA Kit
Biozol Catalog Number	BYT-ORB1948650
Supplier Catalog Number	orb1948650
Alternative Catalog Number	BYT-ORB1948650-48,BYT-ORB1948650-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human UDP-glucose ceramide glucosyltransferase (UGCG) ELISA Kit...
Range	1.57-100ng/mL
Sensitivity	0.94 ng/mL
UniProt	Q16739
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	UGCG

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