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Product Datasheet

Human Collagen Type X (COL10) ELISA Kit BYT-ORB1807610

Article Name	Human Collagen Type X (COL10) ELISA Kit
Biozol Catalog Number	BYT-ORB1807610
Supplier Catalog Number	orb1807610
Alternative Catalog Number	BYT-ORB1807610-48,BYT-ORB1807610-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Collagen Type X (COL10) ELISA Kit...
Range	31.25-2000pg/mL
Sensitivity	13.7 pg/mL
UniProt	Q03692
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	COL10

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 COL10. 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 COL10 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 COL10, 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 COL10. You can calculate the concentration of Human COL10 in the samples by comparing the OD of the samples to the standard curve