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Product Datasheet

Human L1-Cell Adhesion Molecule (L1CAM/CD171) ELISA Kit

BYT-ORB1948549

Article Name	Human L1-Cell Adhesion Molecule (L1CAM/CD171) ELISA Kit
Biozol Catalog Number	BYT-ORB1948549
Supplier Catalog Number	orb1948549
Alternative Catalog Number	BYT-ORB1948549-48,BYT-ORB1948549-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human L1-Cell Adhesion Molecule (L1CAM/CD171) ELISA Kit...
Range	93.75-6000pg/mL
Sensitivity	56.25 pg/mL
UniProt	P32004
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	L1CAM/CD171

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 L1CAM/CD171. 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 L1CAM/CD171 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 L1CAM/CD171, 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 L1CAM/CD171. You can calculate the concentration of Human L1CAM/CD171 in the samples by comparing the OD of the samples to the standard curve