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Product Datasheet

Rat Cofilin 1, Non-Muscle (CFL1) ELISA Kit BYT-ORB1949537

Article Name	Rat Cofilin 1, Non-Muscle (CFL1) ELISA Kit
Biozol Catalog Number	BYT-ORB1949537
Supplier Catalog Number	orb1949537
Alternative Catalog Number	BYT-ORB1949537-48,BYT-ORB1949537-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Cofilin 1, Non-Muscle (CFL1) ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.1 ng/mL
UniProt	P45592
Samples	Tissue homogenate
Target	CFL1

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 Rat CFL1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat CFL1 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 Rat CFL1, 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 Rat CFL1. You can calculate the concentration of Rat CFL1 in the samples by comparing the OD of the samples to the standard curve