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Product Datasheet

Mouse Arachidonate 12-Lipoxygenase (12-LO) ELISA Kit BYT-ORB1948062

Article Name	Mouse Arachidonate 12-Lipoxygenase (12-LO) ELISA Kit
Biozol Catalog Number	BYT-ORB1948062
Supplier Catalog Number	orb1948062
Alternative Catalog Number	BYT-ORB1948062-48,BYT-ORB1948062-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Arachidonate 12-Lipoxygenase (12-LO) ELISA Kit...
Range	0.79-50ng/mL
Sensitivity	0.47 ng/mL
UniProt	P39655
Samples	Tissue homogenate and Cell lysate
Target	12-LO

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 Mouse 12-LO. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse 12-LO 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 Mouse 12-LO, 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 Mouse 12-LO. You can calculate the concentration of Mouse 12-LO in the samples by comparing the OD of the samples to the standard curve