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Product Datasheet

Rat Hypoxia Inducible Factor 2 Alpha (HIF2a) ELISA Kit BYT-ORB780880

Article Name	Rat Hypoxia Inducible Factor 2 Alpha (HIF2a) ELISA Kit
Biozol Catalog Number	BYT-ORB780880
Supplier Catalog Number	orb780880
Alternative Catalog Number	BYT-ORB780880-48, BYT-ORB780880-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Hypoxia Inducible Factor 2 Alpha(HIF2a)....
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	31 pg/mL
UniProt	Q9JHS1
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 5000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat HIF2a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HIF2a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat HIF2a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Rat HIF2a in the samples is then determined by comparing the OD of the samples to the standard curve