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Product Datasheet

Mouse Odorant Binding Protein 2A (OBP2A) ELISA Kit BYT-ORB781422

Article Name	Mouse Odorant Binding Protein 2A (OBP2A) ELISA Kit
Biozol Catalog Number	BYT-ORB781422
Supplier Catalog Number	orb781422
Alternative Catalog Number	BYT-ORB781422-48, BYT-ORB781422-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Mouse
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 Odorant Binding Protein 2A(OBP2A)....
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.229 ng/mL
UniProt	Q8K1H9
Samples	tissue homogenates, cell lysates, saliva and other biological fluids

Application Notes

Application Notes: standard: 40 ng/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 Mouse OBP2A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse OBP2A. 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 Mouse OBP2A, 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 Mouse OBP2A in the samples is then determined by comparing the OD of the samples to the standard curve