

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Mouse Carboxypeptidase B1, Tissue (CPB1) ELISA Kit BYT-ORB2667514

Article Name	Mouse Carboxypeptidase B1, Tissue (CPB1) ELISA Kit
Biozol Catalog Number	BYT-ORB2667514
Supplier Catalog Number	orb2667514
Alternative Catalog Number	BYT-ORB2667514-48,BYT-ORB2667514-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Carboxypeptidase B1, Tissue (CPB1) ELISA Kit...
Range	0.79-50 ng/mL
Sensitivity	0.26 ng/mL
Samples	Serum and plasma.

Application Notes

Application Notes: standard: 50 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 CPB1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CPB1. 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 CPB1, 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 CPB1 in the samples is then determined by comparing the OD of the samples to the standard curve