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## Product Datasheet

### Rat Ubiquitin Carboxyl Terminal Hydrolase L1 (UCHL1) ELISA Kit BYT-ORB781544

Article Name	Rat Ubiquitin Carboxyl Terminal Hydrolase L1 (UCHL1) ELISA Kit
Biozol Catalog Number	BYT-ORB781544
Supplier Catalog Number	orb781544
Alternative Catalog Number	BYT-ORB781544-48, BYT-ORB781544-96
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 Ubiquitin Carboxyl Terminal Hydrolase L1(UCHL1)....
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.25 ng/mL
UniProt	<a href="#">Q00981</a>
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

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 Rat UCHL1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat UCHL1. 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 UCHL1, 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 UCHL1 in the samples is then determined by comparing the OD of the samples to the standard curve