

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

Product Datasheet

Human excision repair cross-complementation group 3 (ERCC3) ELISA Kit BYT-ORB782674

Article Name	Human excision repair cross-complementation group 3 (ERCC3) ELISA Kit
Biozol Catalog Number	BYT-ORB782674
Supplier Catalog Number	orb782674
Alternative Catalog Number	BYT-ORB782674-48, BYT-ORB782674-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
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 ERCC3(excision repair cross-complementation group 3)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.067 ng/mL
UniProt	P19447
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 10 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 Human ERCC3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human ERCC3. 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 Human ERCC3, 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 Human ERCC3 in the samples is then determined by comparing the OD of the samples to the standard curve