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Product Datasheet

Human Dna Damage-Inducible Transcript 4 Protein (DDIT4) ELISA Kit BYT-ORB1994900

Article Name	Human Dna Damage-Inducible Transcript 4 Protein (DDIT4) ELISA Kit
Biozol Catalog Number	BYT-ORB1994900
Supplier Catalog Number	orb1994900
Alternative Catalog Number	BYT-ORB1994900-48, BYT-ORB1994900-96
Manufacturer	Biorbyt
Category	Kits/Assays
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 Human DDIT4. Standards or samples are added to the appropriate microtiter plate wells th...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.052 ng/mL
UniProt	Q9NX09
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 DDIT4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DDIT4. 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 DDIT4, 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 DDIT4 in the samples is then determined by comparing the OD of the samples to the standard curve