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## Product Datasheet

### Mouse Growth Arrest and DNA Damage Inducible Protein Gamma (GADD45g) ELISA Kit BYT-ORB781887

Article Name	Mouse Growth Arrest and DNA Damage Inducible Protein Gamma (GADD45g) ELISA Kit
Biozol Catalog Number	BYT-ORB781887
Supplier Catalog Number	orb781887
Alternative Catalog Number	BYT-ORB781887-48, BYT-ORB781887-96
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 Growth Arrest And DNA Damage Inducible Protein Gamma(GADD45g)....
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.224 ng/mL
UniProt	<a href="#">Q9Z111</a>
Samples	Tissue homogenates, cell lysates 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 GADD45g. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse GADD45g. 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 GADD45g, 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 GADD45g in the samples is then determined by comparing the OD of the samples to the standard curve