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## Product Datasheet

### Mouse Thiobarbituric Acid Reactive Substance (TBARS) ELISA Kit BYT-ORB1291290

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| Article Name               | Mouse Thiobarbituric Acid Reactive Substance (TBARS) ELISA Kit                   |
| Biozol Catalog Number      | BYT-ORB1291290   |
| Supplier Catalog Number    | orb1291290   |
| Alternative Catalog Number | BYT-ORB1291290-48, BYT-ORB1291290-96   |
| Manufacturer               | Biorbyt  |
| Category                   | Kits/Assays  |
| Application                | ELISA  |
| Species Reactivity         | Mouse  |
| Product Description        | Mouse TBARS (Thiobarbituric Acid Reactive Substance) ELISA Kit...                |
| Concentration              | 400 nmol/mL  |
| Range                      | 6.25-400 nmol/mL   |
| Sensitivity                | 3.4 nmol/mL  |
| Samples                    | Serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Application Notes: standard: 400 nmol/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse TBARS protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TBARS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 TBARS in the samples is then determined by comparing the OD of the samples to the standard curve