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## Product Datasheet

### Mouse Superoxide Dismutase 2, Mitochondrial (SOD2) ELISA Kit BYT-ORB782384

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|--------------------------|---|
| Artikelname              | Mouse Superoxide Dismutase 2, Mitochondrial (SOD2) ELISA Kit  |
| Artikelnummer            | BYT-ORB782384   |
| Hersteller Artikelnummer | orb782384   |
| Alternativnummer         | BYT-ORB782384-48, BYT-ORB782384-96  |
| Hersteller               | Biorbyt   |
| Kategorie                | Kits/Assays   |
| Applikation              | ELISA   |
| Spezies Reaktivität      | Mouse   |
| Produktbeschreibung      | 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 Superoxide Dismutase 2, Mitochondrial(SOD2).... |
| Konzentration            | 2000 pg/mL  |
| Detektionsbereich        | 31.25-2000 pg/mL  |
| Sensitivitaet            | 13.8 pg/mL  |
| UniProt                  | <a href="#">P09671</a>  |
| Proben                   | Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids  |

Anwendungsbeschreibung

Application Notes: standard: 2000 pg/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 SOD2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse SOD2. 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 SOD2, 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 SOD2 in the samples is then determined by comparing the OD of the samples to the standard curve