

## Product Datasheet

### Superoxide Dismutases (SOD) Activity Colorimetric Assay Kit (orb1173252)

**Description**
**Superoxide dismutase (SOD)**

the quantitative determination of SOD ...

**Storage**

Storage at -20°C and Keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components.

**Note**

For research use only

**Application notes**

Biorbyt CheKine Micro Superoxide dismutase (SOD) Activity Assay Kit provides a simple and easy colorimetric assay for the quantitative determination of SOD enzyme activity in serum, plasma, tissue/cell lysates and other biological fluids. In the assay, superoxide anion ( $O_2^{\cdot-}$ ) is provided by xanthine oxidase (XO) catalyzed reaction.  $O_2^{\cdot-}$  reacts with a tetrazolium salt WST-8 dye to form a water-soluble colored formazan product. SOD scavenges the  $O_2^{\cdot-}$  thus less  $O_2^{\cdot-}$  is available for the chromogenic reaction. This inhibition activity of SOD is measured by colorimetric method at OD 450 nm.

**Hazard Information**

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

**Expiration Date**

Please enquire.