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Product Datasheet

CheKine(TM) Micro Superoxide Dismutases (SOD) Activity Assay Kit ASC-KTB1030

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| Article Name | CheKine(TM) Micro Superoxide Dismutases (SOD) Activity Assay Kit |
| Biozol Catalog Number | ASC-KTB1030 |
| Supplier Catalog Number | KTB1030 |
| Alternative Catalog Number | ASC-KTB1030-48, ASC-KTB1030-96 |
| Manufacturer | Abbkine Scientific |
| Category | Kits/Assays |
| Product Description | Abbkine CheKine(TM) Micro Superoxide dismutase (SOD) Activity Assay Kit is designed for the quantitative determination of SOD enzyme activity.... |
| Tag | SOD |
| Application Notes | Abbkine CheKine(TM) 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 ⁻) is provided by xanthine oxidase (XO) catalyzed reaction. O ₂ ⁻ reacts with a tetrazolium salt WST-8 dye to form a water-soluble colored formazan product. SOD scavenges the O ₂ ⁻ thus less O ₂ ⁻ is available for the chromogenic reaction. This inhibition activity of SOD is measured by colorimetric method at OD 450 nm. |