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## Product Datasheet

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

Artikelname	CheKine(TM) Micro Superoxide Dismutases (SOD) Activity Assay Kit
Artikelnummer	ASC-KTB1030
Hersteller Artikelnummer	KTB1030
Alternativnummer	ASC-KTB1030-48, ASC-KTB1030-96
Hersteller	Abbkine Scientific
Kategorie	Kits/Assays
Produktbeschreibung	Abbkine CheKine(TM) Micro Superoxide dismutase (SOD) Activity Assay Kit is designed for the quantitative determination of SOD enzyme activity....
Tag	SOD
Anwendungsbeschreibung	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 <sub>2</sub> <sup>-</sup> ) is provided by xanthine oxidase (XO) catalyzed reaction. O <sub>2</sub> <sup>-</sup> reacts with a tetrazolium salt WST-8 dye to form a water-soluble colored formazan product. SOD scavenges the O <sub>2</sub> <sup>-</sup> thus less O <sub>2</sub> <sup>-</sup> is available for the chromogenic reaction. This inhibition activity of SOD is measured by colorimetric method at OD 450 nm.