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Product Datasheet

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

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.