

Superoxide Dismutase (SOD) Activity Colorimetric Assay Kit

Cat. No. Kit-2300 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Superoxide dismutase (SOD) is one of the most important antioxidative enzymes. It catalyzes the dismutation of the superoxide anion into hydrogen peroxide and molecular oxygen. The sensitive SOD assay kit utilizes WST-1 that produces a water-soluble formazan dye upon reduction with superoxide anion. The rate of the reduction with a superoxide anion is linearly related to the xanthine oxidase (XO) activity, and is inhibited by SOD (below). Therefore, the inhibition activity of SOD can be determined by a colorimetric method.
Applications	Kit contains the necessary reagents for convenient measurement of activity of Superoxide Dismutase (SOD) by colorimetric method.
Storage	4°C
Shipping	Gel Pack
Size	100 assays
Kit Components	WST Solution; SOD Enzyme Solution; SOD Assay Buffer; SOD Dilution Buffer
Detection method	Absorbance (450 nm)
Features & Benefits	Simple one-step procedure; takes around than 30 minutes; Fast and convenient

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA