

SUPEROXIDE DISMUTASE

EC Number	1.15.1.1
Systematic Name	Superoxide: superoxide oxidoreductase
Assay Principle	$O_2^- + O_2^- + 2H^+ \xrightarrow{SOD} O_2 + H_2O_2$
Unit Definition	That amount of enzyme causing a 50% inhibition in the rate of reduction of Cytochrome C under the conditions of assay.

How can Superoxide Dismutase be used?

Superoxide dismutase is an enzyme which converts O_2^- radicals into either O_2 or H_2O_2 . It has powerful anti-inflammatory activity and has been used to research treatments for inflammatory disorders and free radical damage to the skin.



Product Analysis

Code	Batch	Activity	Protein Concentration	Associated Activity
SOD2	72	5890 U/mg material 6010 U/mg protein	1 mg protein/mg material (Lowry)	Carbonic Anhydrase: 0.00091%

Storage	Store desiccated at -15°C or below.
Stability	Stable for 3 years when stored in accordance with storage conditions.

ORDERING DETAILS - USE THE FOLLOWING CODES WHEN ORDERING

Product	Code	Description	Source
Superoxide Dismutase	SOD2	>3000 U/mg material	Bovine erythrocytes

Order a sample today sales@bbisolutions.com

Int: +44 (0) 1495 363000 USA: 1-207-797-5454 China: +860 216 104 2216