



Superoxide Anion Activity Assay kit

Reactive oxygen species such as superoxide anions in organisms have immune and signal transduction effects, but when they accumulate too much, they will destroy cell membranes and biological macromolecules, leading to abnormal cell and tissue metabolism in the body, causing many diseases.

Superoxide anion reacts with hydroxylamine hydrochloride to generate NO_2^- , NO_2^- will generate red azo compound under the action of p-aminobenzenesulfonic acid and alpha-naphthylamine, which has a characteristic absorption peak at 530nm, which can be determined according to the A530 value. Calculate the O_2 -content in the sample.

Catalog No.	250129
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs