



Glycollic Oxidase Activity Assay kit

Glycolate oxidase (GO, EC 1.1.3.15) is an enzyme in the glycolate cycle. It is also a key enzyme in plant photorespiration metabolism. It can catalyze the oxidation of glycolic acid to glyoxylic acid. By measuring the activity of glycolate oxidase, we can understand the basic methods of plant photosynthesis and respiratory metabolism. Glycolate oxidase catalyzes the oxidation of glycolic acid to glyoxylic acid. Glyoxylic acid reacts with phenylhydrazine hydrochloride to form phenylhydrazone glyoxylate, which has a characteristic absorption peak at 324 nm.

Catalog No.	250201
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs