



Plant Glycollic Oxidase Activity Assay kit

Glycolate oxidase (EC1.1.3.15) is a key enzyme in plant photorespiration metabolism and a key enzyme for synthesis of oxalic acid under light. It catalyzes the oxidation of glycolic acid to glyoxylic acid, which is useful for studying the metabolic process of photorespiration and its regulation is of great significance.

Glycolic acid oxidase catalyzes the oxidation of glycolic acid to produce glyoxylic acid, and the reaction of glyoxylic acid and phenylhydrazine hydrochloride produces glyoxylic acid phenylhydrazone, which has a characteristic absorption peak at 324nm.

Catalog No.	251201
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs