

Glycolate Oxidase Assay Kit

Catalogue No.: abx298869

Glycolate Oxidase Assay Kit is an assay kit designed for the detection and quantification of Glycolate Oxidase activity in plant tissue using a spectrophotometer. Glycolate oxidase catalyzes the oxidation of glycolate to glyoxylic acid, which reacts with phenylhydrazine hydrochloride to form phenylhydrazone glyoxalate. The reaction product has an absorption peak at 324 nm, and its OD value is proportional to the concentration of phenylhydrazone glyoxalate, from which the activity of glycolate oxidase can be calculated.

Target: Glycolate Oxidase**Reactivity:** General**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.**Validity:** The validity for this kit is 12 months.**Test Range:** 0.3 U/ml - 350 U/ml**Sensitivity:** 0.3 U/ml**Detection Method:** Colorimetric**Assay Data:** Quantitative**Sample Type:** Plant tissue.**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.