



Polyamine Oxidase Activity Assay kit

Polyamine Oxidase (PAO) is a key enzyme which catalyse the aerobic degradation of polyamines. Polyamines have strong binding capacity to nucleic acid, protein and cell membrane molecules and directly affect cell growth, differentiation and apoptosis. PAO could be involved in the response to stress and development of plant by regulating polyamines content. PAO catalyzes polyamines to produce H₂O₂. Peroxidase catalyzes the production of H₂O₂ into oxygen and oxidizes o-dianisidine to form colored substance which has light absorption at 500nm. The color depth is linear with PAO activity.

Catalog No.	250522
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs