



Proline Content Assay kit

Pro is widely present in animals, plants, microorganisms and cultured cells. Under adversity conditions, the content of Pro in plants increases significantly. The increased amount of Pro reflects stress resistance to a certain extent, and varieties with strong drought resistance tend to accumulate more proline. Therefore, the increased amount of proline can be used as one of the physiological indicators of stress resistance breeding.

Extract Pro with sulfosalicylic acid (SA). After heat treatment, Pro reacts with acidic ninhydrin solution to produce red; after extraction with toluene, the absorbance is measured at 520nm.

Catalog No.	250029
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs