



## Proline (Pro) Colorimetric Assay Kit

Cat No: HR3BC1145

For research use only

### Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(520 nm)
Assay Time	80 min
Validity	6
Assay Type	Quantitative
Sample Type	Plant tissue,honey
Synonyms	Pro
Instrument	Spectrophotometer(520 nm)
Detection Principle	Proline can react with acidic-ninhydrin to form stable red compound. The maximum absorption peak of the compound is at 520 nm. And the concentration of Pro can be calculated by measuring the OD value at 520 nm.
Reagents	Acetic acid, Methylbenzene, Absolute ethyl alcohol
Labware	Water bath, Micropipettor, Vortex mixer, Balance, Centrifuge
Size	100Assays
Sensitivity	0.17 ?g/mL
Detection Range	0.17-35 ?g/mL
Recovery Rate	105