

Proline Assay Kit

Proline assay kit (Colorimetric method)

CATALOG #
AAA22081

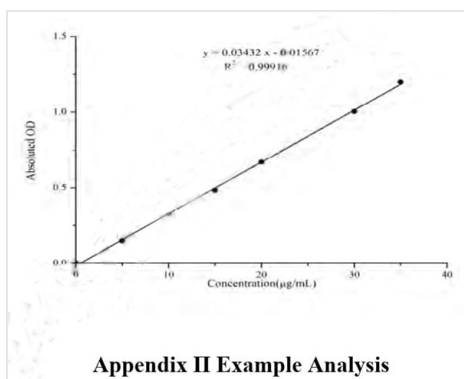
PRODUCT SYNONYMS

Proline; Proline assay kit (Colorimetric method); Proline assay kit

PRODUCT SPECIFICATIONS

Specificity	50 Assays(48 samples)/ 100 Assays(96 samples)
Samples	Plant tissue and honey samples
Detection Range	0.17-35 ug/mL
Sensitivity	0.17 ug/mL
Intra-assay Precision	Three honey samples were assayed in replicates of 20 to determine precision within an assay. (CV = Coefficient of Variation)
Inter-assay Precision	Three honey samples were assayed 20 times in duplicate by three operators to determine precision between assays.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Proline assay kit

Principle of the Assay: 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.

Intended Uses: This kit can be used to measure the proline (Pro) content in plant tissue and honey samples.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.