

Proline (Pro) Assay Kit | Pro assay kit

Proline (Pro) Colorimetric Assay Kit

CATALOG #
AAA178638

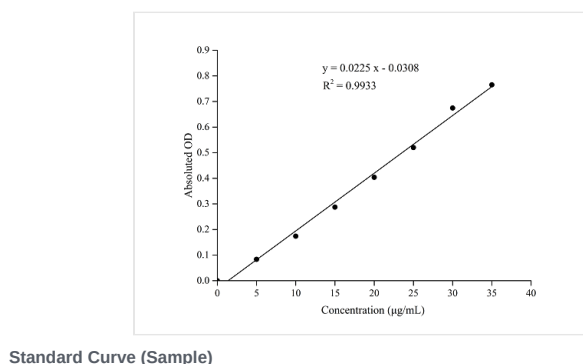
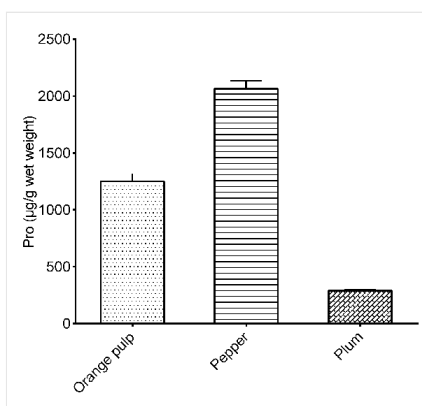
PRODUCT SYNONYMS

Proline (Pro); Proline (Pro) Colorimetric Assay Kit; Pro assay kit

PRODUCT SPECIFICATIONS

Assay Type	Quantitative
Samples	plant tissue and honey sample
Detection Range	0.57-35 ug/mL
Sensitivity	0.57 ug/mL
Detection Method	Colorimetric method
Detection Instrument	Microplate reader
Assay Time	50 min
Research Area	Plant Physiology Series
Test 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
Precision	Inter Assay CV: 4.7-10.0% Intra Assay CV: 3.7-5.5%
Preparation and Storage	This product can be stored at 2~8 degree C for 12 months with shading light. Ship: Ice bag

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Product Categories/Family for Pro assay kit

Metabolism Assay; Cell Metabolism Assays; Plant Physiology Series

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.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/proline-pro/178638>