

Tannin Assay Kit

Micro Tannin Assay Kit

CATALOG #
AAA332611

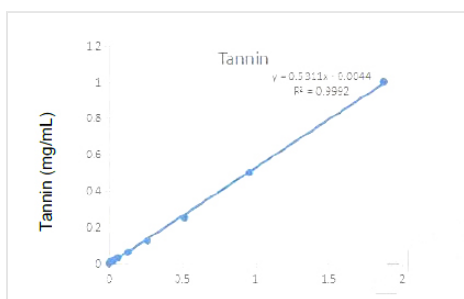
PRODUCT SYNONYMS

Tannin; Micro Tannin Assay Kit; Tannins; Tannin assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissues, Liquid samples such as Juice and Honey
Notes	Tannin is a kind of polyphenolic compounds widely present in plants, also known as plant polyphenols. It generally has astringent taste, can precipitate proteins, alkaloids, and polysaccharides, and can have complex or electrostatically interact with various metal ions. According to chemical structure, tannin can be divided into hydrolyzable tannin and condensed tannin. The ability of tannin binding to proteins is also known as astringency. Its astringency is the basis of various physiological activities, such as hemostasis, inhibition of microorganisms, anti-allergy, anti-mutation, anti-tumor, anti-aging and other physiological activities, and it is also one of the factors affecting the taste of products.
Preparation and Storage	Store at 4 degree C for 6 months, protected from light

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tannin assay kit	Principle of the Assay: Tannin is a kind of polyphenolic compounds widely present in plants, also known as plant polyphenols. It generally has astringent taste, can precipitate proteins, alkaloids, and polysaccharides, and can have complex or electrostatically interact with various metal ions. According to chemical structure, tannin can be divided into hydrolyzable tannin and condensed tannin. The ability of tannin binding to proteins is also known as astringency. Its astringency is the basis of various physiological activities, such as hemostasis, inhibition of microorganisms, anti-allergy, anti-mutation, anti-tumor, anti-aging and other physiological activities, and it is also one of the factors affecting the taste of products. CheKine™ Micro Tannin Colorimetric Assay Kit provides a convenient tool for detecting the tannin content such as plant tissue, liquid samples such as juice and honey. The principle is that tannin reacts with phosphomolybdic acid in an alkaline environment to form a blue compound, which has a characteristic absorption peak at 760 nm. The tannin content of the sample can be calculated by measuring the absorbance at 760 nm.
Product Categories/Family for Tannin assay kit	Cell Metabolism; Biochemical Assay Kit; Biochemical Kit; Cytology

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/tannin/332611>