

General Tannin Assay Kit

Tannin Microplate Assay Kit

CATALOG # AAA27823	REACTIVITY General	APPLICATIONS Functional Assay
------------------------------	------------------------------	---

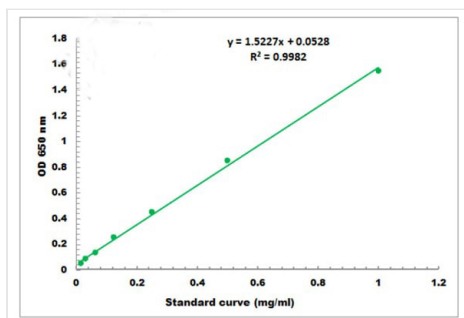
PRODUCT SYNONYMS

Tannin; Tannin Microplate Assay Kit; Vegetable tannin; Natural organic tannins; Tannic acid; Tannin assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate Samples
Detection Range	10 ug/ml - 1000 ug/ml
Applicable Applications for Tannin assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tannin assay kit

Background: A tannin is an astringent, bitter plant polyphenolic compound that binds to and precipitates proteins and various other organic compounds including amino acids and alkaloids. The tannin compounds are widely distributed in many species of plants, where they play a role in protection from predation, and perhaps also as pesticides, and in plant growth regulation. The astringency from the tannins is what causes the dry and puckery feeling in the mouth following the consumption of unripened fruit or red wine. Likewise, the destruction or modification of tannins with time plays an important role in the ripening of fruit and the aging of wine. Tannin can react with phosphomolybdic acid, and the product can be measured at a colorimetric readout at 650 nm.

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.