

Mar 06, 2020

## **Total Phenolic Content (TPC)**

## Jing Xu1

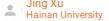
<sup>1</sup>Hainan University



dx.doi.org/10.17504/protocols.io.bda5i2g6







## ABSTRACT

The TPC from samples was determined by a colorimetric methodbased on the procedure described byZhou et al. [10]2 ml Folin-Ciocalteu (FC) reagent was added to 2 ml of diluted extracts. After 3 min, 750 µL of sodium carbonate anhydrous solution (7.5%, w/v) was added, and the mixture was adjusted to 10 ml with distilled water. After 2 h, the absorbance was recorded at 765 nm. Calibration curves were constructed with gallic acid as a standard at concentrations ranging from 0-100 mg/ml. ml.

This is an open access protocol distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited