



Supplementary information

Mixture of Lemon Balm and Corn Silk Extracts Mitigate High-Fat Diet-Induced Obesity in Mice

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Supplementary Materials and Methods

2,2-Diphenyl-1-picrylhydrazyl (DPPH) Radical Scavenging Assay

DPPH assay was conducted according to the established method with slight modifications [1]. Briefly, 180 μ L of DPPH (150 μ M) was reacted with 20 μ L of various concentration of rosmarinic acid or allantoin for 30 min in the dark. Equal amount of distilled water was used for vehicle. Optical intensity of the reaction mixture was measured at the wavelength of 517 nm using an EnSpire™ multimode plate reader (PerkinElmer, Waltham, MA, USA).

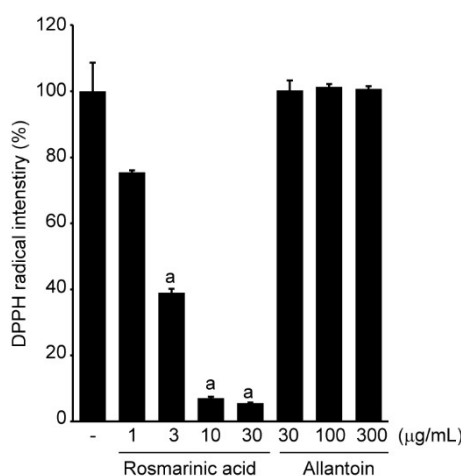


Figure S1. Effect of rosmarinic acid and allantoin on DPPH radical scavenging activity. DPPH radical intensity was calculated as a percentage of the vehicle: ^a $p < 0.01$, versus vehicle.

Supplementary References

1. Choi, B.R.; Cho, I.J.; Jung, S.J.; Kim, J.K.; Park, S.M.; Lee, D.G.; Ku, S.K.; Park, K.M. Lemon balm and dandelion leaf extract synergistically alleviate ethanol-induced hepatotoxicity by enhancing antioxidant and anti-inflammatory activity. *J. Food Bio chem.* **2020**, *44*, e13232. doi: 10.1111/jfbc.13232.