

Resource Summary Report

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Hydroxyl Radical-scavenging Activity

DOI:10.17504/protocols.io.bdazi2f6

Type: Protocol

Proper Citation

Jing Xu 2020. Hydroxyl Radical-scavenging Activity. protocols.io
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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bdazi2f6>

Authors: Jing Xu

Summary: The scavenging of hydroxyl radicals were determined by Guo et al. The reactions were performed in 0.3 ml of 20 mM sodium salicylate, 2.0 ml of 1.5 nM FeSO₄, 1.0 ml of samples, and 1.0 ml of 6 mM H₂O₂. The reaction mixture was incubated for 1 hat 37 °C. The absorbance was measured at 510 nm. The inhibition percent and 50% of absorbance(EC₅₀)were calculated.

Associated Publications: Zhou J, Yang Q, Zhu X, Lin T, Hao D, Xu J (2020) Antioxidant activities of *Clerodendrum cyrtophyllum* Turcz leaf extracts and their major components. PLoS ONE 15(6): e0234435. doi: [10.1371/journal.pone.0234435](https://doi.org/10.1371/journal.pone.0234435)

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