



Reactive oxygen species assessment [↗](#)

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ABSTRACT

The ROS measurements of the supernatant is performed by using DCF-DA, 2',7'- dichlorofluorescein diacetate, a fluorescent probe for the assay. The formation of the oxidized fluorescent derivative (DCF) is monitored at excitation and emission wavelengths of 488 and 525 nm, respectively, in a fluorescent plate reader.

EXTERNAL LINK

<https://doi.org/10.1371/journal.pone.0204948>

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Oliveira KM, Binda NS, Lavor MSL, Silva CMO, Rosado IR, Gabellini ELA, Silva JFD, Oliveira CM, Melo MM, Gomez MV, Melo EG (2018) Conotoxin MVIIA improves cell viability and antioxidant system after spinal cord injury in rats. PLoS ONE 13(10): e0204948. doi: [10.1371/journal.pone.0204948](https://doi.org/10.1371/journal.pone.0204948)



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