



Version 2

Working

Oct 05, 2018

## ABSTRACT

Mitochondrial viability is determined through 2,3,5-triphenyltetrazolium chloride (TTC) conversion to insoluble formazan. TTC reduction depends on the mitochondrial respiratory activity and is proportional to the number of viable cells.

## 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)

Mitochondrial  
viability.pdf

## PROTOCOL STATUS

**Working**

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