

Resource Summary Report

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Glutamate measurement

DOI:10.17504/protocols.io.rufd6tn

Type: Protocol

Proper Citation

Karen Maciel de Oliveira 2018. Glutamate measurement. protocols.io
[dx.doi.org/10.17504/protocols.io.rufd6tn](https://doi.org/10.17504/protocols.io.rufd6tn)

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.rufd6tn>

Authors: Karen Maciel de Oliveira

Summary: Glutamate is enzymatically measured in the cerebrospinal fluid by monitoring the fluorescence increase due to NADPH+ production in the presence of glutamate dehydrogenase and NADP+ on a spectrofluorimeter (Shimadzu RF-5301PC, Japan).

Associated Publications: 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)

Affiliations: Universidade Federal de Minas Gerais

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

Version: 1

Publication Date: 2018

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Record Creation Time: 20210329T220526+0000

Record Last Update: 20210329T220923+0000

Data and Source Information

Source: