

Resource Summary Report

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Monoamine oxidase activity in fish brain tissue

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Type: Protocol

Proper Citation

Caio Maximino, Denis Broock Rosembeg 2020. Monoamine oxidase activity in fish brain tissue . protocols.io dx.doi.org/10.17504/protocols.io.bgu9jwz6

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bgu9jwz6>

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Group: Fish behavior and physiology, Medicinal Plants Southeastern Pará Research Group

Summary: The protocol describes a spectrofluorophotometric method for rapid determination of monoamine oxidase (MAO) activity in zebrafish brains. The protocol is based on the transformation of kynuramine hydrobromide into 4-hydroxyquinoline. Since zebrafish possess only one MAO isoform, inhibitors of other isoforms are not necessary.

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