

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

Optimized protocol for brain and head kidney catalase activity in zebrafish

DOI:10.17504/protocols.io.rumd6u6

Type: Protocol

Proper Citation

Caio Maximino, Bruna Patrícia Dutra Costa, Gabriel Rocha Felício 2018. Optimized protocol for brain and head kidney catalase activity in zebrafish. protocols.io dx.doi.org/10.17504/protocols.io.rumd6u6

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.rumd6u6>

Authors: Caio Maximino, Bruna Patrícia Dutra Costa, Gabriel Rocha Felício

Group: Fish behavior and physiology

Summary: Zebrafish, and other small teleosts, are used as experimental models to evaluate human pathologies, including those linked to oxidative stress. The protocol presents an optimized technique to evaluate the activity of catalase, an important antioxidant enzyme, in zebrafish tissues, focusing on the brain and head kidney. The protocol is based on the classical Aebi (1984) method.

Affiliations: Universidade Federal do Sul e Sudeste do Pará, Universidade Federal do Sul e Sudeste do Pará, Universidade Federal do Sul e Sudeste do Pará

Version: 1

Publication Date: 2018

Proper Citation: Caio Maximino, Bruna Patrícia Dutra Costa, Gabriel Rocha Felício 2018. Optimized protocol for brain and head kidney catalase activity in zebrafish. protocols.io dx.doi.org/10.17504/protocols.io.rumd6u6

Record Creation Time: 20210329T220519+0000

Record Last Update: 20210329T220841+0000

Data and Source Information

Source: