

Resource Summary Report

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U Cinn - Energy Expenditure Measurements

DOI:10.17504/protocols.io.xi9fkh6

Type: Protocol

Proper Citation

Patrick Tso 2019. U Cinn - Energy Expenditure Measurements. protocols.io
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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.xi9fkh6>

Authors: Patrick Tso

Group: Mouse Metabolic Phenotyping Centers

Summary: Summary: Oxygen consumption and carbon dioxide production is measured using indirect calorimetry. The Columbus Instruments Oxymax Equal Flow System is an indirect open circuit calorimeter designed to simultaneously measure metabolic performance of multiple subjects that have similar ventilation needs. uses an open circuit calorimetry technique. This system allows sixteen animal cages to be simultaneously monitored. Variables provided by this measurement include VO₂, VCO₂, RQ, and HEAT.

Affiliations: University of Cincinnati

External URL: <https://mmpc.org/shared/document.aspx?id=194&docType=Protocol>

Version: 1

Publication Date: 2019

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