

Resource Summary Report

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Vandy - Hyperglycemic clamp

DOI:10.17504/protocols.io.yxefxje

Type: Protocol

Proper Citation

Li Kang 2019. Vandy - Hyperglycemic clamp. protocols.io
[dx.doi.org/10.17504/protocols.io.yxefxje](https://doi.org/10.17504/protocols.io.yxefxje)

Protocol Information

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

Authors: Li Kang

Group: Mouse Metabolic Phenotyping Centers

Summary: Summary: Mice with catheters implanted in the jugular vein (infusions) and carotid artery (sampling) are used for this procedure. The hyperglycemic clamp is used to assess insulin secretory capacity in conscious mice in response to hyperglycemia. Plasma insulin and C-Peptide concentrations are measured at various times during the 2-hr clamp period.

Affiliations: Vanderbilt University

External URL: <https://mmpc.org/shared/document.aspx?id=240&docType=Protocol>

Version: 1

Publication Date: 2019

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