

May 10, 2019

③ U Mass - Chronic high-fat feeding

DOI

dx.doi.org/10.17504/protocols.io.xugfntw



Jason Kim¹

¹University of Massachusetts

Mouse Metabolic Phenotyping Centers Tech. support email: info@mmpc.org



Lili Liang

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account



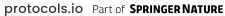


DOI: https://dx.doi.org/10.17504/protocols.io.xugfntw

External link: https://mmpc.org/shared/document.aspx?id=150&docType=Protocol

Protocol Citation: Jason Kim 2019. U Mass - Chronic high-fat feeding. protocols.io

https://dx.doi.org/10.17504/protocols.io.xugfntw





License: This is an open access protocol distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: February 06, 2019

Last Modified: May 10, 2019

Protocol Integer ID: 20072

Keywords: A high-fat diet, obesity, obesity in mice, induced obesity, fat diet, obesity, fat feeding summary, insulin resistance, diet, diabetes, insulin, percent fat, mice

Abstract

Summary:

A high-fat diet of varying composition and percent fat is administered to induce obesity in mice. High-fat diet induced obesity is causally associated with insulin resistance and type 2 diabetes.

Materials

MATERIALS

High-fat diet Envigo (Harlan) Catalog #TD 93075

Troubleshooting



- 1 High-fat diet is given ad libitum in mice.
- 2 A stock bag of high-fat diet should be stored in a refrigerator.
- 3 High-fat diet placed in cages should be replaced 2~3 times a week to avoid spoilage.