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Working

## U Mass - Chronic high-fat feeding [↗](#)

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[dx.doi.org/10.17504/protocols.io.xugfntw](https://doi.org/10.17504/protocols.io.xugfntw)

Mouse Metabolic Phenotyping Centers

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### 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.

### EXTERNAL LINK

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

### MATERIALS

NAME	CATALOG #	VENDOR	CAS NUMBER	RRID
High-fat diet	TD 93075	<a href="#">Harlan Teklad Research Diets</a>		

- 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.



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