



Chronic high-fat feeding

Version: 1

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(note that the following list should be linked to the appropriate location.)

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Summary: *(This area will include a brief description of what the protocol is used for and why someone would need to use it.)*

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.

Reagents and Materials: *(This should be a comprehensive list of stock solutions and material. The reagent list for the stock solutions is included in the reagent preparation area that is included at the end of this SOP.)*

Reagent/Material	Vendor	Stock Number
High-fat diet	Harlan-Teklad	TD 93075

Protocol:

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.