

The Jackson Laboratory now offers Diet-Induced Obese (DIO) C57BL/6J (B6) male mice off-the-shelf in limited quantities from 6 through 26 weeks of age. Mice fed a control diet are also available.

Protocol for DIO B6 Inventory Mice

The protocol for feeding and care of DIO C57BL/6J males is as follows: Male mice are selected at random at 4 weeks of age and fed a 6% chow diet (Lab Diet[®] 5k52). At six weeks of age, mice are placed in wean cages in groups of 10 and are fed either the study diet (Research Diets, Inc. D12492i, 60 kcal% fat) or the control diet (Research Diets, Inc. D12450Bi, 10 kcal% fat). Mice have *ad libitum* access to food and water. Mice are weighed at 6, 12 and 18 weeks of age primarily to acclimate them to handling. The mice are not individually identified.

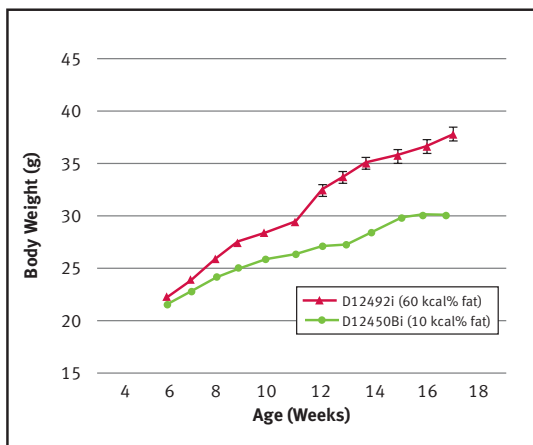


Figure 1. Mean body weights (g +/- SEM) for groups of B6 males (n = 20-44) fed 10 kcal% fat and 60 kcal% fat diets from 6 to 17 weeks of age.

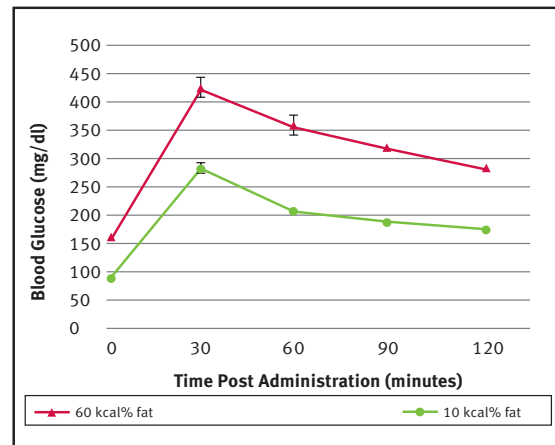


Figure 2. Mean blood glucose levels (mg/dl +/- SEM) for groups of 17- to 19-week old B6 males (n = 10-33) fed 10 kcal% fat and 60 kcal% fat diets for 11-13 weeks (data obtained by glucose tolerance test).

Ordering Information

Orders can be placed for immediate shipment for mice available in inventory or may be scheduled to be shipped at a later date with additional (or modified) feeding protocol. Mice can also be sent to our *In Vivo* Services group to conduct study protocols to your specifications.

Custom DIO and Additional Studies

If you need DIO mice from a different strain, gender, fed a different diet, or that follow a different protocol, please contact JAX[®] Services or your local Opportunity Development Manager for assistance.

For *In Vivo* Services information, please contact your local Opportunity Development Manager. Efficacy Testing Services for Diabetes & Obesity fact sheet available online at: www.jax.org/jaxmice/literature/factsheet/Diabetes_Obesity_Efficacy_Testing.pdf.

Contact us today:

► Phone: 1-800-422-MICE (6423) or 1-207-288-5845
 E-mail: jaxservices@jax.org
 Web: www.jax.org/jaxmice/services/dioinventory