



Measurement of Food Consumption and Body Weight

(Case Western Reserve University Test #CA2001,2002)

Summary: During the course of development or during a diet study the amount of food and body weights are measured 1-2 times per week.

Protocol:

1. Mice are marked by ear notches. They are weighed and the weight is recorded.
2. At 9:00AM, mice are placed in a clean cage (2-3 mice/cage because singly housed mice are stressed). The amount of food is weighed and recorded.
3. The next day at 9:00AM the food and mice are weighed and measurements are recorded.
4. To calculate food intake. Subtract day 3 values from day 2 values and divide by the total weight of the mice in the cage.
5. The data is represented as an average over the course of diet study or each week over time.