

Equipment



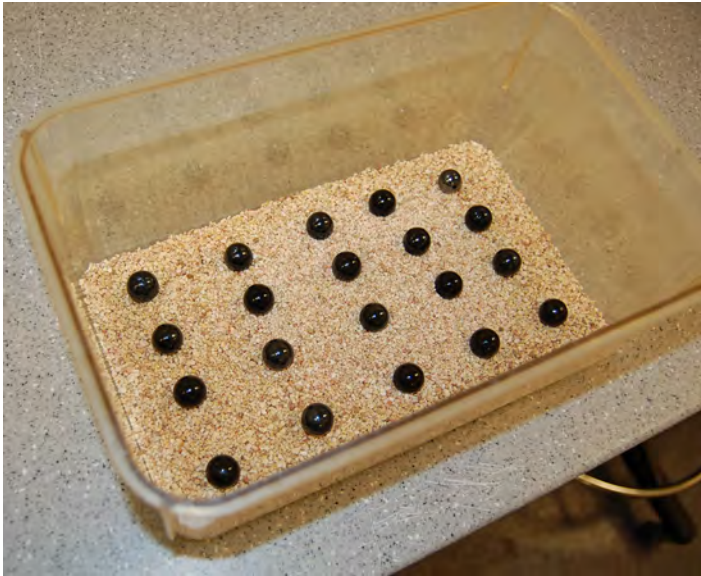
Marble Burying Arena

Used in Assays of:

Attention Deficit

Anxiety

Compulsive Behaviors



Marble burying arenas can be utilized by the rodent behavior facility to test for attention disorders, anxiolytic behaviors, and compulsive behavior. Rodents are placed in a home cage environment containing 20 marbles evenly spaced atop 5-7 cm of bedding material. After 20 minutes of free exploration of the cage, the number of marbles with 2/3 surface area or greater buried is recorded. Marble burying is a naturally occurring behavior in mice and rats and generally speaking, 50-75 % of marbles are buried in 20 minutes by naïve animals. Anxiolytic agents tend to reduce the number of buried marbles.