

# Equipment



## Social Arena

Used in Assays of:

Social Behavior



The Rodent Behavior Facility has one mouse three chamber social arena. The arena is used to test social exploration in a mouse or small rat. Briefly, a test subject is allowed to freely explore the testing arena for 5 minutes in the absence of other animals. After the exploratory period, a novel animal is placed into an acrylic cylinders located at one end of the arena. An identical cylinder is left empty on the opposite side of the arena. The cylinders contain small holes through which the animals may sniff, and interact. The subject animal is allowed to explore the arena for an additional 10 minutes in the presence of the social stimulus. The entire session is video recorded and scored for time spent in each section of the arena, nose pokes, time spent within close proximity to the social stimulus and other parameters as needed.