

Materials List for:

The Modified Hole Board - Measuring Behavior, Cognition and Social Interaction in Mice and Rats

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Materials

Name	Company	Catalog Number	Comments
Cognitive mHB apparatus			The box for cognitive testing is 50x50 cm by inserting a partition made of grey PVC in the standard mHB. A smaller board (35x22x1 cm) with 10 cylinders is placed in the middle of the box. All cylinders are scented with a flavor animals are attracted to (e.g. vanilla) and all are baited with a reward (e.g. a piece of almond) beneath a grid so the animals cannot remove it. Cylinders (often three) are cued with a colored ring (contrasting with the grey PVC) and are baited with a removable reward (e.g. 0.05 g piece of almond).
Vanilla flavor			Vanilla flavor dissolved in water (0.02%)
Camera			Camera that generates sufficient quality output to rescore the behavior from video.
Stage light			A theater light that allows to adjust the light intensity and the dimensions of the surface that is lit.
Behavioral scoring software			Behavioral scoring software.