

Materials List for:

Analyzing Spatial Learning and Prosocial Behavior in Mice Using the Barnes Maze and Damsel-in-Distress Paradigms

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Materials

Name	Company	Catalog Number	Comments
Damsel-in-Distress			
50 mL conical tube	Fisher Scientific	14-432-22	Any brand of 50 mL conical tube will work
Rubber bands	Sprano Brand	n/a	Size 62, used to keep caps held to plywood
hammer	Grainger	6R252	Any standard hammer will work
nail (size 8D)	Grainger	4NFE3	Similarly-sized nails should work just as well
opaque, topless plastic box	AcmePlastics	CUT-TO-SIZE-ACRYLIC-CAST-BLACK-SHEET-2025	Opaque plastic, cut to size (30 cm L x 19 cm W x 3-6 cm H). Step may be added to ensure no more than a 3.5 cm entrance depth for the mouse.
video camera (smartphone)	N/A	N/A	Any camera-equipped smartphone will work
bite-resistant gloves	Kent Scientific	GLVDYN02	Any brand offering appropriate protection
transparency sheet	Staples	954145	Any brand of clear plastic sheet will work, used for scoring
Barnes Maze			
Petri Dishes	Corning	353025	Spray painted and used as covers for Barnes maze holes
Plywood (3/4 in.)	LP Building Products	22487	To construct Barnes maze
Spray Paint	Krylon	1274937	Used to paint petri dish caps black, white paint used to paint plywood
Cup Hooks (5/8 in.)	Ace Hardware	5360615	2 used on either side of ventral hole surfaces; Rubber band wraps around hooks to hold cap flat
Poster Board	Creatology	n/a	Used at edges of maze as extra cues
Light Bulbs	Phillips	n/a	100W light bulb, used to during the trials
Rubber bands	Sprano Brand	n/a	Size 62, used to keep caps held to plywood
Ultrasonic noisemaker	Victor mini PestChaser	M753SN	Used as aversive stimuli