

Materials List for

Social Defeat Stress Model for Adolescent C57BL/6 Male and Female Mice

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Cecilia Flores cecilia.flores@mcgill.ca	Model for Adolescent C57BL/6		
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Materials

Name	Company	Catalog Number	Comments
C57BL/6 adolescent mice	In house breeding		Mice were breeded at the Neurophenotyping Centre of the Douglas Mental Health University Institute.
C57BL/6 adult mice	Charles River Laboratories	Strain Code: 027	Mice are ordered so as to arrive at PND>65 and are group housed (four mice per cage) in standard mice cages.
C57BL/6J adolescent mice	Jackson Labs	Strain Code: 000664; RRID:IMSR_JAX:000664	Mice are ordered so as to arrive at PND 24 and are group housed (four mice per cage) in standard mice cages.
CD-1 mice	Charles River Laboratories	Strain Code: 022	Mice retired breeders more than three months of age and singled housed throughout.
Cleaning solution	Virox Animal Health	DIN 02537222	Prevail: Accelerated Hydrogen Peroxide. Desinfectant cleaner and deodorizer.
Clear perforated acrylic glass divider	Manufactured by Douglas Hospital, custom order		0.6 cm (w) × 45.7 cm (d) × 22.23 cm (h); perforations of 0.6 cm diameter. The dividers are perforated allowing sensory but no physical contact between the pair of mice.
Clear rectangular rat cages	Allentown		24 cm (w) × 48.3 cm (d) × 22.23 (h).
Cotton squares for bedding	Inotiv Envigo	T.6060 iso-BLOX	2.5 cm x 2.5 cm. Added to the social defeat apparatus.
Hard woodchip bedding	Inotiv Envigo	Teklad 7090, 7115	Sani-chip bedding.
Large binder clips to secure the steel-wire tops	STAPLES	Item #: 132429, Model #: 24178-CA	51 mm
Medium binder clips to secure the steel-wire tops		Item #: 132367, Model #: 24172-CA	32 mm, in case the cover lids of the rat cages do not close with the large clips



Pain relief cream	Polysporin		Plus Pain Relief Cream (red format, NOT ointment), 2 Antibiotics plus lidocaine hydrochloride
Paired Steel-wire tops			24 cm (w) × 48 cm (d) with 0.6 cm (w) of separation between the grill
Removable wire-mesh enclosure	Johnston industrial plastics		11 cm (w) × 6.8 cm (d) × 42 cm (h) custom order; two per social interaction test arena secured in precut clear polycarbonate
Social interaction open-field arena	PEXIGLAS		45 cm (w) × 45 cm (d) × 49 cm (h), custom-crafted from opaque acrylic glass (Plexiglas)
Stopwatch			For timing defeat sessions
Video camera with infrared lights	Swann	SRDVR-44580V	Swann Camera - 4 Channel 1080p Digital Video Recorder & 2 x PRO- T853
Video tracking software	Topscan		2.0 Clever Systems Inc.