

Materials List for:

Touchscreen Sustained Attention Task (SAT) for Rats

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URL: <https://www.jove.com/video/56219>

DOI: [doi:10.3791/56219](https://doi.org/10.3791/56219)

Materials

Name	Company	Catalog Number	Comments
Bussey-Saksida Rat Touch Screen Chambers Easy-Install System	Lafayette Instrument	80604-20	Includes: Touch Screen, Chamber base with perforated floors, Large Feeder Reward Area (44.5 mm wide x 92.5 mm high), Speaker, Houselight, Tone Generator, SAC; Trapezoidal animal working area is 126 mm wide at the Feeder, 240 mm wide and 332 mm deep at the Screen, and 300 mm in height
Sound Attenuation Cubicles (SAC)	Lafayette Instrument	80604-20	Attenuation to approximately 35 dB; 38 kg in weight; External dimensions: 600 mm wide x 670 mm tall x 352 mm deep; Internal dimensions: 540 mm wide x 610 mm tall x 532 mm deep
Abet II Software for Touch Screens	Lafayette Instrument	89505	Version 2.19
Whisker Multimedia	Lafayette Instrument	80698-1	Required for Abet II Touch Operation
Pellet Dispenser	Lafayette Instrument	80209-45	45 mg Interchangeable Pellet Size Wheel
Camera	Lafayette Instrument	80600-CAM	Filtered and focused for IR light
Microsoft Windows	Microsoft		Windows 7-64 bit recommended
Controller PC-Touch Screen Chambers	Lafayette Instrument	88530	Dual Core Pentium Processor; 2.5 GHz or greater; keyboard, mouse, and monitor; Installed PCI card, cable and expansion; Four RS232 ports; Four VGA ports
Dustless Precision Pellets	BioServe	F0165	45 mg
Black Acrylic Mask	Everything Plastic	Custom Product	Black polycarbonate with one matte finish side, 3.18 mm thick; Central circular opening, 28.58 mm diameter, 107.95 mm from the bottom, centered between the left and right side; Two square response areas, 28.57 mm x 28.57 mm each positioned below and off center, one 85.725 mm from the left and one 85.725 mm from right side, and both 34.925 mm from the bottom.
Utility Cart	Fisher Scientific	11-954-754	30.75 in. x 18.38 in x 33 in
Black towel			Large enough to cover cages for animal transport
Headlights with red lights	Energizer	HDL33A2E	LED white and red light