

Materials List for:

A Lateralized Odor Learning Model in Neonatal Rats for Dissecting Neural Circuitry Underpinning Memory Formation

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Materials

Name	Company	Catalog Number	Comments
Polyethylene 20 tubing	Intramedic	427406	Non-radiopaque, Non-toxic
3-0 Silk suture thread	Syneture	Sofsilk	Non-absorbent
Silicone grease	Warner Instrument	64-0378	Odorless
2% Xylocaine gel	AstraZeneca	Prod. No 061	Lidocaine hydrochloride jelly, purchased at local pharmacy
Paint brush	Dynasty	206R	Similar size/other brands work too
Peppermint extract	Sigma-Aldrich	W284807	Other brands should be okay too
Training box	Custom-made	N/A	Acrylic box (20 x 20 x 5 cm ³), see Figure 2A . Parameters and material for the box are not critical and can be modified. Material used should be odorless and does not absorb odors
Testing chamber	Custom-made	N/A	Stainless steel (30 x 20 x 18 cm ³), see Figure 2B . Parameters and material for the chamber are not critical and can be modified. For example, an acrylic chamber instead of a stainless steel one can be used
pCREB antibody	Cell Signaling	9198	Ser 133 (87G3) Rabbit mAb
Chloral hydrate	Sigma-Aldrich	C8383	N/A
Paraformaldehyde	Sigma-Aldrich	P6148	N/A
Sucrose	Sigma-Aldrich	S9378	N/A