

Materials List for:

# Simultaneous Detection of c-Fos Activation from Mesolimbic and Mesocortical Dopamine Reward Sites Following Naive Sugar and Fat Ingestion in Rats

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## Materials

Name	Company	Catalog Number	Comments
<b>Equipment</b>			
Sprague-Dawley rats	Charles River Laboratories	CD-1	
Wire Mesh Cages	Lab Products, Seaford, DE	30-Cage rack	
Rat Chow	PMI Nutrition International	5001	
Taut Metal Spring	Lab Products, Seaford, DE	n/a	
Rat Weighing Scale	Fisher Scientific Company	n/a	
Nalgene Centrifuge Tubes	Lab Products, Seaford, DE	10-0501	
Rubber Stopper	Lab Products, Seaford, DE	n/a	
Metal Sippers	Lab Products, Seaford, DE	n/a	
Saccharin	Sigma Chemical Co	82385-42-0	
Kool-Aid, Cherry	Kool-Aid	Commerical	
Kool-Aid, Grape	Kool-Aid	Commercial	
Fructose	Sigma Chemical Co	F0127	
Glucose	Sigma Chemical Co	G8270	
Corn Oil	Mazzola	Commerical	
Xanthan Gum	Sigma Chemical Co	11138-66-2	
Sliding Microtome	Microm International	n/a	
NeuroLucida Camera	MBF Bioscience	Software application	
Gelatin-coated Slides	Fisher Scientific Company	12-550-343	
Cover glass	Fisher Scientific Company	12-545-M	
Golden Nylon Brushes	Loew-Cornell	2037	
Natural Hair Sable	Loew-Cornell	2022	
24 Well Plates	Fisher Scientific	3527	
6 Well Plates	Fisher Scientific	3506	
1 L Pyrex bottles	Fisher Scientific	1395-1L	
Tissue insert (tissue strainer)	Fisher Scientific	7200214	
Eagle pipettes	World Precision Instruments	E10 for 1-10µl	
Eagle pipettes	World Precision Instruments	E100 for 20-100µl	
Eagle pipettes	World Precision Instruments	E200 for 50-200µl	
Eagle pipettes	World Precision Instruments	E1000 for 100-1000µl	
Eagle pipettes	World Precision Instruments	E5000 for 1000-5000µl	

Universal Tips .1-10 µl	World Precision Instruments	500192	
Universal Tips 5-200 µl	World Precision Instruments	500194	
Universal Tips 500-5,000 µl	World Precision Instruments	500198	
Blade Vibroslice 100	World Precision Instruments	BLADE	
DPX Mounting Medium	Electron Microscopy	13510	
15 ml centrifuge tubes	Biologix Research Co.	10-0501	
Slide Boxes	Biologix Research Co.	41-6100	
Orbital Shaker	Madell Corporation	ZD-9556	
weigh boats	Fisher Scientific	02-202-100	
5 ml disposable pipettes	Fisher Scientific	13-711-5AM	
Stereo Investigator Software	Micro Bright Field	Software application	
<b>Name</b>	<b>Company</b>	<b>Catalog number</b>	<b>Comments</b>
<b>Reagents</b>			
Paraformaldehyde Granular	Fisher Scientific	19210	
NaCl	Fisher Scientific	S271-1	
Sodium Phosphate Monobasic	Fisher Scientific	S468-500	
Sodium Phosphate Diphasic	Fisher Scientific	BP332-500	
Hydrogen Peroxide	Fisher Scientific	H324-500	
SafeClear II	Fisher Scientific	23-044-192	
Methanol	Fisher Scientific	A412-1	
Normal Goat Serum	Vector	S-1000	
Biotinylated Anti-Rabbit IgG (H+L)	Vector	BA-1000	
ABC Kit Peroxidase Standard	Vector	PK-4000	
Anti-cFos (Ab-5) Rabbit	EMD chem/Cal Biochem	PC38	
Triton X 100	SigmaAldrich	X-100	
3,3' diaminobenzidine tetra hydrochloride	SigmaAldrich	D5905	
Sodium Hydroxide	SigmaAldrich	5881	
Primary TH anti body	EMD Millipore	AB152	
Euthosol	Virbac AH		