

Materials List for

# Induction and Assessment of Levodopa-induced Dyskinesias in a Rat Model of Parkinson's Disease

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## Materials

Name	Company	Catalog Number	Comments
100 Minutes Digital Timer	Staples	1111764	
Compass CX Compact Scale	Ohaus	30428202	
5-(2-aminoethyl)-1,2,4-benzenetriol, monohydrobromide	Cayman Chemicals	25330	6-OHDA is a catecholaminergic neurotoxin that is used to induce dopaminergic lesions and parkinsonian symptoms in rodents.
Allentown cages	Allentown, LLC	Rat900	Allentown cages provide the ability to view the rats from all sides.
BD Allergist Trays with Permanently Attached Needle	BD	BD 305540	For subcutaneous L-DOPA injections
Benserazide hydrochloride	Sigma-Aldrich	B7283	Benserazide is a peripheral decarboxylase inhibitor used with L-DOPA to to induce dyskinesia in rodent models of PD.
Glass amber scintillation vials	Thermo Scientific	B7921	Used for storage of L-DOPA/ benserazide at -20 °C until mixed with sterile saline.
L-3,4-Dihydroxyphenylalanine methyl ester hydrochloride	Sigma-Aldrich	D1507	L-3,4-Dihydroxyphenylalanine methyl ester is a precursor to L-DOPA that crosses the blood-brain barrier and use to treat parkinsonian symptoms in rodents.
Paper Mate Sharpwriter Mechanical Pencils	Staples	107250	
Rodent nutritionally complete enrichment treats	Bio-Serv	F05478	
Round Ice Bucket with Lid, 2.5 L	Corning	432129	
Standard Plastic Clipboard	Staples	1227770	
Steel wired 6' long movable shelving units	Uline	H9488	Width/Height can be adjusted to need/number of rats per experiment
Sterile Saline 0.9%	Covidien/Argyle	1020	For mixing with L-DOPA/benserazide prior to subcutaneous injections.