

Materials List for:

Assaying DNA Damage in Hippocampal Neurons Using the Comet Assay

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Materials

Name	Company	Catalog Number	Comments
1.5 ml tubes	Santa Cruz Biotechnology, Inc	Sc-200271	
10X TBE (Tris base, boric acid, EDTA)	Fisher Scientific	BP13331	
15 ml tube	Fisher Scientific	0553851	
Agarose	Sigma	A5093	
Aluminum foil	Fisher Scientific	01213101	
Beaker	Fisher Scientific	FB102300	
Centrifuge	Thermo Scientific	75004261PR	
Comet Assay software	Comet Assay IV Image Analysis System		
Cylinder	Fisher Scientific	08555F	
EDTA	GIBCO	15575	
Electrophoresis chamber	Thermo Scientific	09528101	
Ethanol	Fisher Scientific	A407P4	
Fluorescent microscope	Zeiss Axio Vision		Any fluorescent microscope with green filter will suffice
Hemocytometer	Fisher Scientific	0267152	
Low melting point agarose	Promega	V2111	
Microwave	Sears		
Phosphate buffered saline, calcium free, magnesium free	HyClone	SH3025601	
Power supply	BioRad	1645050	
Refrigerator	Sears		
Ruler	Staples		
Slide	Fisher Scientific	12550143	
Sodium chloride	Sigma	S7653	
Sodium hydroxide	Sigma	S5881	
Sodium lauryl sarcosinate	Fisher Scientific	S529	
Sybr green	Invitrogen	S7585	
Tray	Fisher Scientific	15242B	
Tris Base	Sigma	T6066	
Triton-X 100	Sigma	T8787	
Trypsin	HyClone	SH3023601	
Vortex	Fisher Scientific	02216108	

Water bath	Fisher Scientific	154622Q	
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