

Materials List for:

# Assessment of Dendritic Arborization in the Dentate Gyrus of the Hippocampal Region in Mice

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## Materials

Name	Company	Catalog Number	Comments
Modified Golgi-cox staining solution	Weill Cornell Medical College	NA	store at 4°C till use
1x Developing Solution (Stock 10x)	Weill Cornell Medical College	NA	store at 4°C till use
30% Sucrose,	Sigma	CAS # 57-50-1	make fresh in ddH <sub>2</sub> O
0.3% Gelatin	Sigma	CAS # 9000-70-8	NA
Graded Ethanol Solutions (20%, 30%, 40%, 50%, 80%. 90%, 95%. 100%)	Sigma	CAS 603-003-00-5	NA
Xylene	Sigma	CAS # 1330-20-7	NA
DPX Medium	EMS	#13510	NA
Superfrost (+) white	Electron Microscopy Sciences	71869-10	NA
Coverslip 22x50mm (VWR #48393-059)	VWR	#4811-703	NA
DCX Antibody	Santa Cruz Biotechnology	sc-8066	4 C
DAB	Sigma	CAS Number 91-95-2	-20
OCT	Tissue-tek	4583	NA
Tris	Sigma	CAS Number 77-86-1	NA
ABC Lite	Vector	PK4000	NA
Microscope	Nikon	Eclipse 80i	
Digital Camera	Nikon	DS-R11	
12 bit Camera	QImaging	01 MBF2000RF-CLR-12	
NeuroLucida System	MBF Bioscience	V.10	
Image Composite Editor	Microsoft	1.4.4.0	
NIS Elements	Nikon	F 3.0	
Image Pro Plus	Mediacy	Versin 7.00	