

LIST OF MATERIALS

Sr No	Chemicals/Materials	Source/Manufacturer
1.	1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide	Himedia lab. Pvt. Ltd., India
2.	Urocanic acid	Himedia lab. Pvt. Ltd., India
3.	Piperazine-2 Carboxylic acid	Sigma-Aldrich, USA
4.	3-Pyridyl acetic acid	Spectrochem, India
5.	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide (MTT)	Himedia lab. Pvt. Ltd., India
6.	4',6-diamidino-2-phenylindole (DAPI)	Invitrogen, USA
7.	6X DNA gel loading buffer	Himedia lab. Pvt. Ltd., India
8.	Methyl Iodide	Spectrochem, India
9.	Agarose	Himedia lab. Pvt. Ltd., India
10.	Boric acid	Himedia lab. Pvt. Ltd., India
11.	N-Methyl Pyrrolidone	Spectrochem, India
12.	cDNA to RNA Conversion Kit	In vitrogen, USA
13.	Chitosan, medium molecular weight	Sigma-Aldrich, USA
14.	DEPC Treated Nuclease Free Water	In vitrogen, USA
15.	Dialysis Membrane	Himedia lab. Pvt. Ltd., India
16.	Diethylpolycarbonate (DEPC)	Himedia lab. Pvt. Ltd., India
17.	DMSO	Himedia lab. Pvt. Ltd., India
18.	DMEM	Himedia lab. Pvt. Ltd., India
19.	Diethyl ether	Spectrochem, India
20.	Ethanol	Spectrochem, India
21.	Ethidium Bromide	Sigma-Aldrich, USA
22.	Sodium Hydroxide	Sigma-Aldrich, USA
23.	Hydrochloric acid	Spectrochem, India
24.	Ethylene Diamine Tetra Acetic Acid (EDTA)	Himedia lab. Pvt. Ltd., India
25.	FAM Labelled Negative Control siRNA	Gene Pharma, Shanghai, China
26.	Heparin Sodium	Himedia lab. Pvt. Ltd., India
27.	Mouse BDNF siRNA	Sigma-Aldrich, USA
28.	25kDa Polyethylenimine	Sigma-Aldrich, USA
29.	Lipofectamine 2000	Invitrogen, USA
30.	MES Buffer	Himedia lab. Pvt. Ltd., India
31.	N-Hydroxysulfosuccinimide sodium salt	Sigma-Aldrich, USA
32.	Nuclease Free Water	Ambion, USA
33.	Paraformaldehyde	SD Fine Chemicals, India
34.	Primers (BDNF)	Eurofins MWG Operons Ltd, Germany
35.	Primers (GAPDH)	Eurofins MWG Operons Ltd, Germany
36.	RNA Isolation Kit	Invitrogen, USA
37.	RNAse Zap	Invitrogen, USA
38.	siRNA (Negative Control)	GenePharma, Shanghai, China

39. Sodium Chloride	SD Fine Chemicals, India
40. SYBR Green Master Mix	Invitrogen, USA
41. Tris base	Himedia lab. Pvt. Ltd., India
42. Triton X-100	Himedia lab. Pvt. Ltd., India
43. Trypan Blue	Himedia lab. Pvt. Ltd., India
44. Trypsin	Himedia lab. Pvt. Ltd., India
45. Ovalbumin	Himedia lab. Pvt. Ltd., India