

Materials & Chemicals

Materials and Chemicals	Source
Docetaxel HCl	Cadila Healthcare Ltd, India
Ethylene Diamine Tetraacetic Acid (EDTA)	Merck, Germany
Ammonia Sigma-Aldrich, USA	Sigma-Aldrich, USA
Ammonium Chloride	Sigma-Aldrich, USA
Calcium Chloride	Sigma-Aldrich, USA
Solochrome Black-T	Sigma-Aldrich, USA
Potassium nitrate	Sigma-Aldrich, USA
Agarose (electrophoresis grade)	Himedia lab. Pvt. Ltd., Mumbai, India
TBE (Tris-Borate-EDTA)	Himedia lab. Pvt. Ltd., Mumbai, India
Sucrose	Merck, Germany
Bromophenol blue	Himedia lab. Pvt. Ltd., Mumbai, India
Boric Acid	Himedia lab. Pvt. Ltd., Mumbai, India
FBS	Himedia lab. Pvt. Ltd., Mumbai, India
Penicillin	Himedia lab. Pvt. Ltd., Mumbai, India
Streptomycin	Himedia lab. Pvt. Ltd., Mumbai, India
Sodium Phosphate	Sigma-Aldrich, USA
Polycarbonate Membranes	Whatman, USA
Polyethylene drain disk	Whatman, USA
Karl-Fischer reagents	Sigma, USA
Lactose	Merck, Germany
Mannitol	Merck, Germany
Sephadex G-50	Sigma Aldrich, USA
Disodium Hydrogen Phosphate	Merck, Germany
human lung carcinoma cell line (A549)	NCCS, Pune
Dulbecco's Modified Eagle Medium	Himedia lab. Pvt. Ltd., Mumbai, India

3-(4, 5-dimethylthiazole-2-yl)-2,5- di-phenyl tetrazolium bromide (MTT)	Himedia lab. Pvt. Ltd., Mumbai, India
Dialysis Membrane	Sigma, USA

Equipments

Equipments	Source
Dual beam spectrophotometer (UV-1800)	Shimadzu, Japan
Laboratory Centrifuge	Remi Sci. Equipment, India
Malvern Zetasizer Nano ZS	Malvern Instruments, Malvern, UK
Cryo-TEM	TECNAI G2 Spirit BioT WIN, FEINetherlands
Glow Discharge to perform cryo TEM	Emitech K100X, Quoram Technologies, UK
JouanIGO150 5% CO2 incubator	Thermo-Fischer, Germany
Enzyme-linked immunosorbent assay plate reader	Bio-Rad, USA
Fluorescence activated cell sorter (FACSBDAriaIII)	BD, USA
confocal laser scanning microscope, LSM 710	Carl-Zeiss Inc., USA
Ultra Centrifuge (Beckman-Coulter Optima 100 xp)	Beckman, Germany
Optical Microscope with polarizer	Olympus Co. Pvt. Ltd., Japan
Nikon H600L Microscope	Nikon, Japan
Deep freezer	EIE Inst. Ltd., Ahmedabad
Karl-Fischer Auto titrator	Toshiwal Inst. Pvt. Ltd., India