

Materials List for:

# Intrasplenic Transplantation of Hepatocytes After Partial Hepatectomy in NOD.SCID Mice

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## Materials

Name	Company	Catalog Number	Comments
Gas Anesthesia System	Ugo Basile; Italy	211000	
Weighing machine	Goldtech ; India		Local Procurement
Biological safety cabinet ( Class I)	Kartos international; India		Local Procurement
Hair Trimmer	Panasonic ; Japan	ER-GY10	
Straight operating scissor with sharp /sharp blades	Major Surgicals; India		Local Procurement
Forceps with Serrations	Major Surgicals; India		Local Procurement
Micro needle holders straight & curved	Mercian ; England	BS-13-8	
1 ml insulin syringe with 30G *5/16 needles	Dispo Van; India		
1 ml syringe with 26 G * 1/2 needle	BD ; US	REF 303060	
Nylon Threads	Mighty ; India		(1-0) Local Procurement
MERSUTURES 4-0 Sterilised Surgical Needled Suture	Ethicon, Johnson & Johnson, India	NW 5047	
TRUGUT 76 cm 4-0 absorbable surgical suture	Sutures India Pvt. Ltd; India	SN 5048	Sterilised Surgical Needled Suture Catgut Chromic
Cotton Buds	Pure Swabs Pvt Ltd ; India		Local Procurement
Surgical Tape	3M India ; India	1530-1	Micropore Surgical Tape
Microtome	Histo-Line Laboratories, Italy	MRS3500	
Shandon Cryotome E Cryostat	Thermo Electron Corporation ; US		
Confocal laser scanning microscope	Carl Zeiss ; Germany	LSM 510 META	
Bright Field Microscope	Olympus, Japan	LX51	
Automated analyser	Tulip, Alto Santracruz, India	Screen Maaster 3000	Biochemical analyser for liver functional test
Flow Cytometer	BD ; US	BD FACsVerse	Assesment of presence of cells post transplantation
Veet hair removal cream	Reckitt Benckiser , India		
FORANE	Abbott ; US		isoflurane USP 99.9%
Taxim	Alkem ; India		cefotaxime sodium injection
Povidone-Iodine solution	Win-Medicare; India		Betadine
Paraformaldehyde	Himedia; India	GRM 3660	
Iscoe's Modified Dulbecco's Medium (IMDM)	Life technologies, Thermo Fisher scientific ; US	12200-036	
Sucrose	Sigma ; US	S0389	

Tissue-Tek	Sakura; US	25608-930	O.C.T compound
DAPI	Himedia; India	MB 097	
anti-Albumin goat Polyclonal	Thermo Scientific,Pierce, US	PA126081	
anti-connexin 32/GJB1 Polyclonal	abcam, UK	ab64609-500	
antiGFP rabbit polyclonal	Santa Cruz biotechnology; US	SC 8334	
Alexa Fluor 594 donkey anti-goat	Molecular Probes , Thermo Fisher Scientific ; US	A11058	
Alexa Fluor 488 donkey anti-sheep	Molecular Probes , Thermo Fisher Scientific ; US	A11015	
Alexa Fluor 594 chicken anti rabbit	Molecular Probes , Thermo Fisher Scientific ; US	A21442	
Goat anti rabbit IgG HRP	Invitrogen, Thermo Fisher Scientific; US	65-6120	
anti-Ki67 antibody	abcam, UK	ab15580	
Antigen Unmasking Solution, Citric acid base	Vector laboratories, US	H-3300	
ProLong Diamond antifade mountant	Life technologies, Thermo Fisher scientific ; US	P36966	
SGOT (ASAT) KIT	Coral Clinical System, India		
SGPT (ALAT) KIT	Coral Clinical System, India		
Alkaline Phosphatase Kit (DEA)	Coral Clinical System, India		
Hematoxylin Solution, Mayer's	Sigma ; US	MHS16	
Eosin Y solution, alcoholic	Sigma ; US	HT110132	
DPX Mountant	Sigma ; US	6522	
Melonex (Pain Killer)	Intas Pharmaceuticals Ltd; India		Meloxicam injection
DAB enhanced liquid substrate system tetrahydrochloride	Sigma ; US	D3939	