

Materials List for:

A Murine Model of Experimental Necrotizing Enterocolitis Using Gavage Feeding, Lipopolysaccharide, and Systemic Hypoxia

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Materials

Name	Company	Catalog Number	Comments
1.9 Fr Argyle Catheter	Coviden-Medtronic	43309	Can contain human Obtained discarded catheters from NICU at Children's Hospital of Wisconsin
Ethanol	Sigma Aldrich	459844	
Bleach	Up and UP/Target	003-07-0058	TOXIC
Incubator	Georgia Quail Farm (Savannah, GA)	1588 Hova-Bator	
Puppy Formula	Pet Ag (Hampshire IL)	Esbilac Powder Milk Replacer FG99501	
Infant Formula	Mead Johnson	Enfacare Infant Formula	
Lipopolysaccharide (LPS)	Sigma Aldrich	L2630	TOXIC. Dissolved in ddH2O, 2 mg/ml
Hypoxia Chamber	Biospherix (New York)	A-Chamber	
Nitrogen Gas	Praxair (Danbury CT)	Compressed Nitrogen Gas	Potentially Harmful
Regulator	Biospherix (New York)	Proox Model 110	
Ketamine (Ketaject)	Clipper Distributing Company LLC (St. Joseph, MO)	2010012	Potentially Harmful
Xylazine (Anased)	Lloyd Laboratories		Potentially Harmful
Rats	Jackson Laboratories	Timed-Pregnant Sprague Dawley Pregnant Female Rats	
Mice	Jackson Laboratories		
L-NAME (N5751 SIGMA Nω-Nitro-L-arginine methyl ester hydrochloride)	Sigma Aldrich	N5751	
Lucigenin (N,N'-Dimethyl-9,9'-biacridinium dinitrate)	Sigma Aldrich	M8010	Toxic. Dissolved in ddH2O, Stock concentration of 5 mg/ml
GP91-ds-tat	Blood Center of Wisconsin	Made from previously described publication (Circ Res. 2001 Aug 31;89(5):408-14.)	
FITC-Dextran, 10 kDa	Sigma Aldrich	FD10S	
Intestinal Alkaline Phosphatase (IAP)	donated by AM-Pharma (Netherlands)		