

Materials List for

Inducing Pseudopregnancy in Female Mice Without the Need for Vasectomized Males Prior to Non-Surgical Embryo Transfer or Artificial Insemination

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Materials

Name	Company	Catalog Number	Comments
Blastocyst stage embryos			
CARD Fertiup Preincubation Medium (PM)	CosmoBio	KYD-002-EX	For sperm capacitation
Embryo handling pipette	Cook Medical	K-FPIP-1120-10BS	Flexipet is available in various diameters
Embryo handling pipette assembly	Paratechs	90010	
Female mice, CrI:CD1(ICR)	Charles River Laboratories	22	>8 weeks old
Forceps	Fine Science Tools	11053-10	Toothed, for dissection
Forceps	Fine Science Tools	11052-10	Curved, for dissection
Forceps	Fine Science Tools	Dumont #5	Fine, for dissection
Hemocytometer	Fisher Scientific	267110	Optional
human Chorionic Gonadotropin (hCG)	Prospec	hor-250	For estrus synchronization
Incubator, 37 °C 5% CO ₂	Thermo Scientific		
Incubator, 37 °C, benchtop	Cook	K-MINC-1000	
Kimwipes	Kimberly-Clark	34155	Absorbant tissues
M2 medium	Millipore	MR-015-D	Embryo handling medium
Male mice, CrI:CD1(ICR)	Charles River Laboratories	22	>8 weeks old
mC&I device	ParaTechs	60020	For sperm transfer, specula included
mCM rod	ParaTechs	90050	Smooth, blunt, with a diameter @3 mm
Microscope	Olympus	SZX7	20x and 40x magnification with transmitted and reflected illumination source for embryo work and dissections
Microscope	ACCU-SCOPE	3032	100x magnification with bright field illumination
Microscope slides	Fisher Scientific	12-544-7	

mNSET device	ParaTechs	60010	For embryo transfer, specula included
Needles, 26 G	Exel	26402	
Papanicolaou Staining System	VWR	76265-730	Optional
Paraffin oil	Sigma-Aldrich	18512	
Pipette, P200	Corning	4074	Fits the C&I device for sperm transfer
Pipette, PR-2	Rainin	17008648	Fits the NSET device for embryo transfer
Pregnant Mare Serum Gonadotropin (PMSG)	Prospec	hor-272	For estrus synchronization
Scale	American Weigh Scales	LB-1000	
Scissors	Fine Science Tools	14068-12	Dissection
Scissors	Fine Science Tools	14081-09	Angled, dissection
Swabs, Constix	Contec	SC-4	For vaginal cytology
Syringes, 1 cc	Becton Dickenson and Company	309659	
Tissue culture dishes, 35 mm	Falcon	353001	
Tissue culture dishes, 60 mm	Falcon	353004	
Trimmer	Wahl	ChroMini T-Cut	
Wire bar topped mouse cage			