

APPENDICES

APPENDIX 1: LIST OF MATERIALS

Appendix Table 1.1: List of Equipment

	Equipment	Model	Manufacturer
1.	Autoclave (Hiclave™)	HA-300MII and HA-240M	Hirayama Manufacturing Corporation, Tokyo, Japan
2.	Centrifuge (Labofuge 300)	D37520	Heraeus, Kendro laboratory Products, Germany
3.	CO ₂ incubator	HERAcell 240	Heraeus, Kendro laboratory Products, Germany
4.	Digital balance	AB104	Mettler Toledo, Switzerland
5.	Digital camera (Evolution™ MP-for fluorescent microscope)		MediaCybernetic, Toronto, canada
6.	Digital camera (X-Cam-α)		Microlamda, Kuala Lumpur, Malaysia
7.	Dissecting microscope	CK2	Olympus Optical Co., Ltd, Tokyo, Japan
8.	ET catheter		Self-assembled
9.	Inverted microscope fitted with micromanipulators	IX71	Olympus Optical Co., Ltd, Tokyo, Japan
10.	Laminar flow work station (Clean Bench)	HLF 120	Gelman Sciences Pty. Ltd., Lane Cove, NSW, Australia
11.	Micropipette puller	P-97	Sutter Instrument Co., Novato, CA, USA
12.	Microforge		Technical Products Internationals, St. Louis, MO, USA
13.	Microgrinder	EG-4	Narishige Co., Ltd., Tokyo, Japan
14.	Micropipette dispenser (2- 20-5-50-,10-100-,200-1000- µl)	-	Eppendorf, Humburg, Germany
15.	Microprocessor pH meter	HI8417	Hanna Instruments, Singapore
16.	Oven	40050-IP20	Memmert GmbH, Schwabach, Germany
17.	Real time ultra-sound scanner	SSD500V	Aloka, Inc., Tokyo, Japan
18.	Refrigerator (Cooltech)	SR-21NME	Samsung Electronics, Soel, Korea
19.	Spirit Burner (150-ml)	-	Shanghai Machinery Import and Export Company, Shanghai, China
20.	Stage warmer for dissecting microscope	CO 102	Linkam Scientific Instrument, Surrey, England

Equipment	Model	Manufacturer
21. Surgical cradle (table)	-	Syarikat Copens Enterprise, Kuala Lumpur Malaysia (supplier)
22. Surgical tray	-	Syarikat Copens Enterprise, Kuala Lumpur Malaysia (supplier)
23. Surgical trolley	-	Syarikat Copens Enterprise, Kuala Lumpur Malaysia (supplier)
24. Surgical set	-	Aesculap A.G.& Company, Tuttlingen, Germany
25. Stereo-microscope	SZH10	Olympus Optical Co., Ltd., Tokyo, Japan
26. Ultra-pure water system (Milli-Q UF Plus)	-	
27. Vapor pressure osmo meter (Vapro)	5520	Wescor., Inc., Utah, USA
28. Vortex mixer (Mixer UZUSIO)	VTX-3000L	LMS Co., Tokyo, Japan
29. Water bath	-	Memmert GmbH, Schwabach, Germany
30. Water purification system (Milli-RO 10 Plus)	-	Millipore, Bedford,MA,USA

Appendix 1.2: List of Chemicals, Reagents and Media

	Chemicals, Reagents and Media	Catalogue no.	Manufacturer
1.	70% ethanol	-	Prepared from absolute ethanol
2.	7X™ (non-toxic detergent)	-	FlowLab™, Sydney, Australia
3.	Chorionic gonadotrophin (hCG, Chorulon®)	Batch no. 24630	Intervet International B.V., Boxmeer, Holland
4.	Controlled internal drug release device (Eazi BREED™, CIDR®, 0.3 g progesterone)	-	Pharmacia & Upjohn Limited Company, Mt. Wellington, Auckland, New Zealand
5.	Dulbecco's phosphate buffered saline (DPBS, Dulbecco A tablet)	BR0014G	Oxoid Ltd, Basingstoke, Hampshire, England
6.	Follicle-stimulating hormone (FSH)-analogue (Ovagen™)	oFSH	ICPbio Limited, Auckland, New Zealand
7.	Gentamicin sulphate	G1264	Sigma-Aldrich Co., St. Louis, MO, USA
8.	Goat/sheep pellet feed	-	KMM Berhad, Malaysia
9.	Human chorionic gonadotrophin (hCG; Ovidrel)	-	Laboratories Serono, Aubonne, Switzerland
10.	Ketamine hydrochloride (Ketamil)	L10077	Troy Laboratories Pty Ltd, NSW, Australia
11.	K-Y Jelly (Obstetrical lubricant)	-	Pharmedica Lab (Pty) Ltd., East London, South Africa
12.	Mineral oil	M8410	Sigma-Aldrich Co., St. Louis, Mo, USA

Appendix 1.3: List of Labwares and Disposables

Labwares and Disposables	Manufacturer
1. Aluminium foil	Reynolds Consumer Products, Richmond, Virginia, USA
2. Autoclavable disposal bag	Megalab supplies, Subang Jaya, Selangor, Malaysia
3. Beaker (50-, 100-, 250-, 500 ml)	Pyrex®, Iwaki Glass, Japan
4. Blades (Super Nacet)	Gillete, USA
5. CIDR applicator	Pharmacia & Upjohn Limited Company, Mt. Wellington, Auckland, New Zealand
6. Chromic catgut and other suture materials	Aesculap A.G. & Company, Tuttlingen, Germany
7. Conical centrifuge tube (15-, 50-ml) Falcon	Becton Dickinson Labware, Franklin Lakes, NJ, USA
8. Cover slips	Hirschman® Laborgerate, Germany
9. Disposable plastic pippetes (1-, 5-, 10-, 25-ml)	LP Italiana SPA, Milano, Italy
10. Foley catheter 21" CH18 5 cc (2 ways)	IMV technologies, France
11. Haematocrit capillary tube (75mm)	Hirschmann® Laborgerate, Germany
12. Holding pipettes (OD-150 µm, ID-30-40µm)	Self-made
13. Intra veinus catheter (Luer Lock) (18-, 22G needle)	B. Braun Milano S.p.A. PMC-Reg. N.12316 Min Sanita, Belgium 170
14. Lens cleaning tissue (Kimswipe® EX-L)	Humagen, Charlottesville, VA, USA
15. Measuring cylinder (50-, 100 ml)	Pyrex®, Iwaki Glass, Japan
16. Millex®-GS syringe driven filter unit (0.22 µm)	Millipore, Carringtonwohill, Co. Cork, Ireland
17. Needles (18G, 20G,21G,23G, 25G, 26G)	Teruma Corporation, Tokyo, Japan
18. Nunc four-well dish	Nunc, Roskilde, Denmark
19. Parafilm	Pechiney Plastic Packaging, Chicago, IL, USA
20. Schott bottle (50-, 100-, 250-, 500-ml, 1 litre)	Duran, Germany
21. Small disposable test tubes (3 ml)	Becton Dickinson Labware, Franklin Lakes, NJ, USA
22. Sterile glove	Ansell International, Malaysia
23. Syringes (1-, 5-, 10-, 20-, 50-ml)	Terumo Corporation, Tokyo, Japan
24. Tissue culture flask (50-, 150-ml)	Becton Dickinson Labware, Franklin Lakes, NJ, USA
25. Test tubes for embryos retrieval (14-ml)	Becton Dickinson Labware, Franklin Lakes, NJ, USA

APPENDIX 2: PUBLICATIONS