

**Consumables & Supplies**

\*Current supplier

**Pipette Tips**

	Catalogue Number	Manufacturer/ Supplier	Quantity
10ml Sterile, disposable serological pipettes (stripettes)	TKV-671-050N	Fisher Scientific Ltd	Pack of 200
250µl Rainin Wide bore tips	HR250WS	Anachem	Pack of 960
Capillaries/pistons for Microman M1000, sterile	F148180	Anachem	each
Diamond D10ml tips	F161210	SLS	Pack of 200
EZ tips, 135uM	7-72-2135/5	Origio	Pack of 5x vials of 20 tips
Filter pipette tips, 200µl, sterile	S1120-8810	Starlab UK Ltd	Pack of 960
Glass Pasteur pipettes, unplugged, 150mm	PIP4150	SLS	Pack of 250
Maxymum Recovery UltraMicro 0.5 to 20uL tips (20ul wedge shaped tips)	T-400-L-R-S	Fisher Scientific Ltd	Pack of 960
Pipette tips, 1-200ul, natural, sterile	S1111-0810	Starlab UK Ltd	Pack of 960
Pipette tips, Racks of 100-1000ul, sterile	S1111-6811	Starlab UK Ltd	Pack of 960

**Embryo Manipulation**

	Catalogue Number	Manufacturer/ Supplier	Quantity
Aspirator assemblies	A5177	SLS	Pack of 5
Capillaries GT100T-15	30-0036	Biochrom	Pack of 500
CellTram® 4r Oil, manual hydraulic microinjector	5196000030	Eppendorf UK	each
EZ Grip with comfort rest	7-72-2802	Origio	each
EZ Tips (135ul)	MXL3-135	Origio	Pack of 20
Micrometer (2.0ml)	WZ-07844-00	Cole-Parmer	each
Stripper MXL3-STR (with comfort grip)	MXL3-STR CGR	Origio	each
Stripper MXL3-STR (without comfort grip)	MXL3-STR	Origio	each

**Pipettes**

	Catalogue Number	Manufacturer/ Supplier	Quantity
Finnpette F1 Multi-channel pipette, 8-channel, 300ul	15591925	Thermo Scientific	each
Microman M1000 (positive displacement pipette)	F148005	Anachem	each
Multistep pipetter (Sealpette)	480-083	Jencons Pls	each
Powerpette Plus electronic aspirator	613-4442	VWR International	each
Rainin EDP2 1000ul	E2-1000	Anachem	each

**Animal Husbandry**

	Catalogue Number	Manufacturer/ Supplier	Quantity
FFP2 masks	N/A	MLC Stores	Pack of 20
Gloves large	N/A	MLC Stores	Pack of 100
Gloves medium	N/A	MLC Stores	Pack of 100
Gloves small	N/A	MLC Stores	Pack of 100
Kimberly Clarke Safeskin purple nitrile gloves size XS	N/A	MLC Stores	Pack of 200
Masks, elasticated	N/A	MLC Stores	Box of 50
Masks, tie on	N/A	MLC Stores	Box of 50

### Plastic Labware

	Catalogue Number	Manufacturer/ Supplier	Quantity
0.2µm Minisart single use syringe filter	514-7011	VWR	Pack of 50
0.25ml French Straws	FZA201	Planer Plc	Pack of 2000
0.5ml Microtube thermo hinged, flat cap, Thermo Scientific Abgene	TUL-952-010W	Fisher Scientific Ltd	Pack of 1000
0.5ml tubes Eppendorf safelock	N/A	Lab Services	Pack of 500
1.5ml Eppendorfs	10509691	Fisher Scientific Ltd	Pack of 1000
14ml sterile Falcon tubes	352001	SLS	Pack of 200
1L Corning filters	430186	SLS	Pack of 12
1ml Sterile Syringe (BD Plastipak)	303172	Fisher Scientific Ltd	Pack of 120
20ml Universals	128C	SLS	Pack of 400
25G x 16mm (orange) Hypodermic needle (BD Microlance 3)	324869	Becton Dickinson Ltd	Pack of 100
50ml Corning centrifuge tubes	10604551	Fisher Scientific Ltd	Pack of 500
55ml StarTub PS Reagent Reservoir, Individually Wrapped (Sterile)	E2310-1010	Starlab UK Ltd	Pack of 50
96 Well Clear Flat Bottom TC-Treated Microplates, Tissue Culture, sterile	Corning-3596	SLS	Pack of 50
Falcon Petri dishes (60mm) 35:3004	353004	SLS	Pack of 500
Injekt Syringe, Luer Lock, 10mL, Non-pyrogenic, rubber-free syringes	4606728V	SLS	Pack of 100
Injekt Syringe, Luer Lock, 20mL, Non-pyrogenic, rubber-free syringes	4606736V	SLS	Pack of 100
Injekt Syringe, Luer Solo, 10mL, Non-pyrogenic, rubber-free syringes	4606108V	SLS	Pack of 100
Injekt Syringe, Luer Solo, 20mL, Non-pyrogenic, rubber-free syringes	4606205V	SLS	Pack of 100
KITAZATO Cryotop	CR-SC-B	Hunter Scientific	Pack of 10
Media bottle 250ml sterile PETG	3420200250	SLS	Pack of 60
Media bottle 500ml sterile PETG	Z364517/BOT5338	SLS	Pack of 24
Media bottle 60ml sterile PETG	Z364533	SLS	Pack of 200
Nalgene System 100 Cryobox	479-6837	VWR	Pack of 500
Nunc 1.0ml Cryotube IntThr Skirted	366656	SLS	Pack of 500
Nunc 1.8ml, round bottomed cryotubes	10509691	Fisher Scientific Ltd	Pack of 1000
Petri dishes (60mm) 10060	163-PA-016	Stratlab Ltd	Pack of 500

### Electrical Equipment

	Catalogue Number	Manufacturer/ Supplier	Quantity
Advanced 3300 Micro-Osmometer	3320	Vitech Scientific Ltd	each
Bio-Cool Controlled Rate Freezer	Bio-cool IV - 40C	FTS Europe	each
Capillary Sealing Compound	CFM-330-020P	Fisher Scientific Ltd	Alternatives = heat sealant/PVA powder
CO2 incubator	HERACELL 150i	Thermo Scientific	each
Controlled rate freezing machine	N/A	Planer Plc	each
Grant JB1 water bath+lid	149-000 + 149-019	Jencons Pls	each
Heating Blocks Grant UBD2	448-208	Jencons Pls	each
Microwarm Plate MP-2000 (heated stereomicroscope stage)	200Np	Hunter Scientific Ltd	each
Nikon Microscopes	SMZ800	Jencons Pls	each
Photonic Cold Lightsource PI2000 100W	NIKOIPO20230	VWR	each
Photonic dual gooseneck lightguide with focus lenses	NIKOIPO20062	VWR	each
Photonic PL2000: Swan-neck cold light source	451-667	Jencons Pls	each
Prestige Medical Autoclave 2100 Series Extended Plus	119-009	Jencons Pls	each
Tokai Hit ThermoPlate Mid-size flat type (heated stereomicroscope stage)	TPXEVOS	Thermo Fisher Scientific (Life Technologies)	each

### Laboratory Equipment

	Catalogue Number	Manufacturer/ Supplier	Quantity
Autoclave bags (Flat peelable Steripouches) P12, 'large', 200x279mm	12759005 / AUY-120-080M	Fisher Scientific Ltd	Pack of 1000
Autoclave bags (Flat peelable Steripouches) P4, 'small', 100x250mm	PF100250 / AUY-120-030E	Fisher Scientific Ltd	Pack of 2400
Autoclave tape	SLS1612	SLS	each
BradyThermal Labelling System + Label mark software package	TLS-PC-link	Cabletrix	each
Burner Head, Meker, Brass	451-0045	VWR	As required
Butane/propane refill cartridge for Meker burner	BUR4606	SLS	each
Canes for cryo-storage	378441	Scientific Laboratory Supplies	50 per box
Chamber cleaners + sampler tips for 3200 osmometer (Micro-sample Test Kit)	133800	Advanced Instruments Ltd	Pack of 500
Chlorine tablets for Millipore machine	ZWCL01F50	Millipore	Pack of 48
Count-up/count-down timers	13003023	Fisher Scientific Ltd	each
Cover glass for haemocytometer	BR723016-100EA	Sigma	100 per pack
Cryo Gloves, Waterproof, Mid-Arm Length (14-15In), Extra large	Z183571-1PAK	Sigma	1 pair
Cryo Gloves, Waterproof, Mid-Arm Length (14-15In), Large	Z183563-1PAK	Sigma	1 pair
Cryo Gloves, Waterproof, Mid-Arm Length (14-15In), Medium	Z183512-1PAK	Sigma	1 pair
Cryo Gloves, Waterproof, Mid-Arm Length (14-15In), Small	Z183547-1PAK	Sigma	1 pair
Daisy Goblets	15152	Cryolab Ltd.	Pack of 5
Dilvac shallow dewar (680ml Stainless Steel, no lid)	SS138Sh	Day-Impex	each
Dispo-safe jar DL16 (Sweetie jars)	DL16	The Microbiology supply co.	Box of 16
Dissection scissors, stainless steel, straight, fine points, guide pins 115mm	N828-01	SLS	each
Ejector key for straws	PT003001	Planer Plc	each
Film adhesive for PCR plates	N/A	Lab Services	Pack of 100

Flushing needles: 30G & 34G, 1.25cm, square end, stainless steel with square metal luer	DKC-370-030R	Fisher Scientific Ltd	each
General purpose forceps	ZZJEC2-304	VWR	each
General purpose forceps for handling straws in LN2 (300mm)	232-0093	VWR	each
Haemocytometer	BR719805-1EA	Sigma	each
HAG Capisco 8106 Chair Valencia 107-9035 Black Standard Thread, Standard Foam Black Metal Footbase Alu Opsvik 200mm Gas Lift	10539 (Quote no. 114292)	Bennett Workplace	each
Large liquid nitrogen transport dewar (4.5L Stainless steel)	SS333	Day-Impex	each
Large napkins	7901219	Banner Group Ltd	Pack of 100
Liquid nitrogen level measuring ruler	12723727	Fisher Scientific Ltd	each
Lumocolor permanent marker pens	0630255	Banner Business Services Ltd	Pack of 8
Metal rods	N/A	Workshop	each
Microscope Slides, Cut	12332108	Fisher Scientific Ltd	each
Millipore filter	TANKMPK01	Millipore	each
Millipore Progard exchange pack (S2)	PROG00002	Millipore	each
Millipore Progard exchange packs (TS2)	PROG0T0S2	Millipore	each
Miniature scissors	103129	John Weiss	each
Nalgene System 100 Cryobox	5026-1010	SLS	Pack of 10
Parafilm M	12378039	Fisher Scientific Ltd	1 roll
Perspex straw marking racks	N/A	Workshop	each
Replacement Green silicone sealing gasket for medical autoclave	219748	Fisher Scientific Ltd	Pack of 4
Round Visotubes (10mm small goblets for canes)	20505	Laboquip	50 per pack
S+S weighing papers	Z134112	Sigma	Pack of 500
Size 5 watchmakers forceps	91150-20	Interfocus, Fine Science Tools	each
Small liquid nitrogen transport dewar (1L Stainless steel)	SS111	Day-Impex	each
Small square paper note blocks	118-8827	Banner Business Services Ltd	Pack of 700
Spare bulbs for Photonic light source, Halogen Photo Optic lamp 12V 100W	DP27531	Onecall	each
Storage Canister for 70mm Daisy Goblets (5 shelf)	FCBS007198	Planer Plc	each
Thermal printer labels (Brady)	PTL-19-427	Cabletrix	250 per roll
Thermal printer ribbons (Brady)	R4310	Cabletrix	1 roll
Thermal transfer cage card roll for Zebra printers	N/A	MLC Stores	As required
Thermal transfer ribbons for Zebra printers (for cage cards in MLC), 84mmx74mm	N/A	MLC Stores	As required
Tipping dewar 25L	232-051	Jencons Pls	each
Vitrification cooling plate (VCP)	N/A	Elim Springs	each
Volumetric Flask 10ml Class A	FLA7702	SLS	each
Weighing boat 100ml	BAL1828	SLS	Pack of 250
Weighing boat 5ml	BAL1818	SLS	Pack of 1000

#### Surgical Embryo Transfer Equipment

	Catalogue Number	Manufacturer/ Supplier	Quantity
Cardiff Aldasorber	N/A	MLC Stores	each
Clingfilm holder (Wrapmaster Foil & Cling Dispenser)	7518	Lakeland Ltd	each
Clingfilm refills	70301	Lakeland Ltd	each
Drapes with swabs (Procedure packs)	36510003	365 Healthcare	Box of 90
Drapes, Water Repellent Sheet, 90x90cm	36519058	365 Healthcare	Box of 90
Glutire topical adhesive	N/A	NVS	each
Hibiscrub	N/A	NVS	100ml
Isoflurane	N/A	NVS	250ml
Large gauze	N/A	NVS	Pack of 100
Right handed needle holders	12002-12	Interfocus, Fine Science Tools	each
Samco 100mm scissors, iris, straight for oviduct dissection and transfers	14090-09	Interfocus, Fine Science Tools	each
Scalpels, Swann Morton	11728353	Fisher Scientific Ltd	Pack of 10
Serrafine clips	18051-28	Interfocus, Fine Science Tools	each
Steret skin cleansing swabs	N/A	NVS	Pack of 100
Sterile surgeons gloves	AJ330048060 (Size 6)	Hillside Medical Supplies	Pack of 50
Torbugesic	N/A	NVS	N/A
Vetergesic	N/A	NVS	N/A
Vetwrap	N/A	NVS	N/A
Vicryl Absorbable Sutures (Purple Ethicon W9105)	W9105	NVS	Box of 12
Vinyl heat pad 15"x17"	HE008	VetTech Solutions	each
Wound clip appliers	427630	SLS	each
Wound clip removers	427637	SLS	each
Wound clips (9mm Autoclips)	427631	SLS (Fannin)	1000 (10x100 clips)

#### Non-Surgical Embryo Transfer Equipment

	Catalogue Number	Manufacturer/ Supplier	Quantity
Eppendorf pipette 0.5ul	10182194	Fisher Scientific Ltd	each
NSET devices	60010	ParaTechs	Pack of 10
TCET devices	N/A	Elim Springs	Pack of 10
TCET stage	N/A	Workshop	each

#### Cleaning Solutions

	Catalogue Number	Manufacturer/ Supplier	Quantity
7XPF cleaning solution	97667094	MP Biomedicals	4 gallons
Biocidal ZF	WAK-ZF-6	WAK Chemie Medical GmbH	1L
Distel Wipes (100 per drum)	TM353	SLS	100 wipes

#### Media & Reagents

	Catalogue Number	Manufacturer/ Supplier	Quantity
290 Clinitrol reference solution	3MA029	Advanced Instruments Ltd	10 vials
50mOsm/kg H2O Calibration Standard	3MA005	Advanced Instruments Ltd	10 vials
850mOsm/kg H2O Calibration Standard	3MA085	Advanced Instruments Ltd	10 vials
*Dow Corning Silicone Fluid 100cst	DC Q7-9120	Azelis	18kg
Acetamide	A0500	Sigma	100g
Acid Tyrode's Solution pH 2.5	T1788	Sigma	100ml
Bovine Serum Albumin, Fraction V, Fatty Acid-Free	126575	VWR	10g
BSA (Lyophilized powder)	A4378	Sigma	100g
Calcium chloride dihydrate [CaCl <sub>2</sub> · 2H <sub>2</sub> O]	C7902	Sigma	500g
Cre Recombinase, TAT-Cre, Tat-NLS-Cre, HTNC, HTNCre (1 mg)	EG-1001	Excellgen	1mg
D-(+)-Glucose	G6152	Sigma	100g
Dimethyl sulfoxide (DMSO)	D2650-5X10ML	Sigma	pack of 5
Dulbecco's PBS (w/o CaCl <sub>2</sub> & MgCl <sub>2</sub> )	D5652-10L	SLS	10L
Embryomax® KSOM with 1/2 Amino Acids, Glucose	MR-121-D	Millipore	50ml
Ethylene glycol	324558-100ML	Sigma	100ml
Fetal Bovine Serum	10270106	Thermo Fisher Scientific (Life Technologies)	500ml
Hyaluronidase Type IV-S, embryo tested	H4272	Sigma	30mg
Knockout DMEM	10829-018	Thermo Fisher Scientific (Life Technologies)	100ml
L-Glutamine	G8540	Sigma	25g
L-Glutathione reduced >=98.0%	G4251	Sigma	50g
Lifor	N/A	Elim Springs Biotech Ltd	25ml
M2	M7167	Sigma	100ml
Magnesium chloride hexahydrate [Cl <sub>2</sub> Mg · 6H <sub>2</sub> O]	M2393	Sigma	100g
Magnesium sulphate heptahydrate [MgSO <sub>4</sub> · 7H <sub>2</sub> O]	M1880	Sigma	500g
Methanol	322415	Sigma	100ml
Methanol 99.9+% (GLC) 0.7915g/ml for analysis 2.5L (Manufacturer: Certified)	67-56-1 (Fisher: M/4000/17)	Fisher Scientific Ltd	2.5L
Methyl-β-Cyclodextrin	C4555	Sigma	1g
Mineral Oil (Light oil, embryo tested)	M8410	Sigma	1L
MINERAL OIL STERILE-FILTERED, BIOXTRA, SUITABLE FOR MOUSE EMBRYO CELL CULTURE, LIGHT OIL (NEAT)	M5310	Sigma	1L
Monothioglycerol (MTG)	M6145	Sigma	25ml
Parafin Oil	76235	Sigma	500ml
PBS tablets	BR0014G	Oxoid	100 tablets
Penicillin-G potassium	PENK-10MU	Sigma	10MU
Phenol Red solution	P0290	Sigma	100ml
Polyvinyl alcohol	P8136	Sigma	250g
Potassium chloride	P5405	Sigma	250g
Potassium phosphate monobasic [H <sub>2</sub> KO <sub>4</sub> P]	P5655	Sigma	100g

Propylene Glycol (1,2-Propanediol)	134368	Sigma	500ml
Raffinose, cell culture tested	R7630	Sigma	100g or 500g
Skimmed milk powder	232100	Becton Dickinson Ltd	500g
Sodium bicarbonate [CHNaO <sub>3</sub> ]	S5761	SLS (Scientific Laboratory Supplies)	500g
Sodium chloride [NaCl]	S5886	Sigma	500g
Sodium lactate [C <sub>3</sub> H <sub>5</sub> NaO <sub>3</sub> ]	L7900	Sigma	100ml
Sodium pyruvate [C <sub>3</sub> H <sub>3</sub> NaO <sub>3</sub> ]	P4562	Sigma	5g
Sphingosine-1-phosphate (S1P)	S6130	Cambridge Bioscience	1mg
Sterile Water for embryo transfer	W1503	Sigma	100ml
Sterile Water for Injections	N/A	NVS	100ml
Streptomycin sulphate salt	S1277	Sigma	5g
Sucrose	S9378	Sigma	500g
Trypan Blue Bioreagent	T6146-5G	Sigma	5g
Pregnant Mare's Serum Gonadotrophin (PMS)*	HOR-272	Pro Spec Protein Specialists	5000iu per ampoule
PMSG	N/A	NHPP	2000iu per ampoule
PMSG - Pregnant Mare Serum Gonadotropin	OPPA01037	Generon	1000iu per ampoule
hCG Chorulon (Human Chorionic Gonadotrophin)*	N/A	Intervet	1500iu per ampoule
Urinary-derived, highly purified hCG	N/A	NHPP	10000iu per ampoule
CHORIONIC GONADOTROPIN HUMAN	C1063	Sigma	2500iu per ampoule