

A Modified Technique for Inducing Polycystic Ovary Syndrome in Mice

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Materials

Name	Company	Catalog Number	Comments
C57BL/6J Mice	Shanghai Model Organisms Center	N/A	Age: 4 weeks
Centrifugation tube	Biological Hope	1850-K	15ML
Depilatory cream	ZIKER BIOTECHNOLOGY	ZK-L2701	Depilation agent for laboratory animals
Dimethyl sulfoxide	Biosharp	BS087	Used ofr dissolution
Forceps	RWD	F12028	Surgical instrument
Hemostats	Biosharp	BS-HF-S-125	Surgical instrument
Isoflurane	RWD	20071302	Used for anesthesia
Letrozole powder	Sigma	L6545-50MG	Primary acting drugs
Needle and the 4-0 absorbable suture	JINGHUAN	CR413	Surgical instrument
Needle holder	ShangHaiJZ	J32010	Surgical instrument
Nitrile Gloves	Biosharp	BC040-L	Used for aseptic operation
Osmotic Pumps	ALZET	1004	Letrozole storage and sustained release
PEG(Poly(ethylene glycol))	Solarbio	P8250	Used ofr dissolution
Physiological Saline Solution	Biosharp	BL158A	Mini-pump storage
Pipette	Eppendorf	3123000268-A	100 µL-1000 µL
Pipette	TopPette	7010101008	10 µL-100 µL
Povidone-iodine swabs	SingleLady	GB26368-2010	Skin disinfection
Scissors	Biosharp	BS-SOR-S-100P	Surgical instrument
Small Animal Anesthesia Machine	RWD	R500IP	Used for anesthesia
Sterile gauze	ZHENDE	BA69087	Used for wiping liquids
Syringe	Bofeng Biotech	BD300841	1 mL