

Materials List for:

# Experimental Approach to Examine Leptin Signaling in the Carotid Bodies and its Effects on Control of Breathing

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## Materials

Name	Company	Catalog Number	Comments
1ml Insulin Syringes	BD Biosciences	309311	
1x PBS (pH 7.4)	Gibco	10010-023	500 ml
<i>Ad-LacZ</i>	Dr. Christopher Rhodes (University of Chicago)		1x10 <sup>10</sup> pfu/ml
<i>Ad-LepRb-GFP</i>	Vector Biolabs	ADV-263380	2-5x10 <sup>10</sup> pfu/ml
Anesthetic cart	Atlantic Biomedical		
Betadine	Purdue Products Ltd.	12496-0757-5	
Buprenorphine (Buprenex)	Reckitt Benckiser Healthcare Ltd.	12496-0757-5	0.3mg/ml
C57Bl/6J	Jackson laboratory	000664	Mice Strain
Cotton Gauze Sponges	Fisherbrand	22-362-178	
db/db	Jackson laboratory	000697	Mice Strain
Ethanol	Pharmco-AAPER	111000200	
Isoflurane	Vetone	502017	
Lab Chart	Data Science International (DSI)		Software
Matrigel Matrix	BD Biosciences	356234	
Micro Spring Scissors	World Precision Instruments (WPI)	14124	
Mouse Ox Plus	STARR Life Sciences Corp.		Software
Mouse Ox Plus Collar Sensor	STARR Life Sciences Corp.	015022-2	Medium Collar Clip Special 7"
Mouse Whole Body Plethysmography Chamber	Data Science International (DSI)	PLY3211	
Ohio Care Plus Incubator	Ohmeda	HCHD000173	
Operating Scissors	World Precision Instruments (WPI)	501753-G	Straight
Osmotic Pump	Alzet	1003D	1ul per hour, 3 days
Phenol	Sigma-Aldrich	P4557	
Recombinant Mouse Leptin protein	R&D systems	498-OB-05M	5mg
Saline	RICCA Chemical	7210-16	0.9% Sodium Chloride
Sterile Surgical Suture	DemeTech	DT-639-1	Silk, size 6-0
Thermometer	Innovative Calibration Solutions (INNOCAL)	EW 20250-91	