

Materials List for:

Assessment of Vascular Tone Responsiveness using Isolated Mesenteric Arteries with a Focus on Modulation by Perivascular Adipose Tissues

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Materials

Name	Company	Catalog Number	Comments
Acetylcholine	Sigma-Aldrich	A6625	Stock concentration: 10 ⁻¹ M Working concentration: 10 ⁻¹⁰ to 10 ⁻⁵ M
L-NAME (Nω-nitro-L-arginine methyl ester)	Sigma-Aldrich	N5751	Stock concentration: 3 x 10 ⁻² M Working concentration: 10 ⁻⁴ M
Phenylephrine	Sigma-Aldrich	P6126	Stock concentration: 10 ⁻² M Working concentration: 10 ⁻¹⁰ to 10 ⁻⁵ M
U46619 (9,11-dideoxy-9α,11αmethanoepoxy prostaglandin F2α)	Enzo	BML-PG023-0001	Stock concentration: 10 ⁻⁵ M Working concentration: 1 ⁻³ x 10 ⁻⁸ M
Multiwire myograph	Danish MyoTechnology (DMT)	620M	
PowerLab 4/26	ADInstruments	ML848	
Labchart7	ADInstruments	-	
Adipo-SIRT1 wild type mice	Laboratory Animal Unit, The University of Hong Kong	CULATR NO.: 4085-16	
Silicon-coated Petri dishes	Danish MyoTechnology (DMT)		
Tungsten wires	Danish MyoTechnology (DMT)	300331	
Surgical tools			