Materials List for:

Assessment of Human Adipose Tissue Microvascular Function Using Videomicroscopy

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URL: https://www.jove.com/video/56079
DOI: doi:10.3791/56079

Materials

Name	Company	Catalog Number	Comments
Chemical Name			
Acetylcholine	Sigma Aldrich	A6625	
Calcium chloride ($CaCl_2$)	Sigma Aldrich	223506	
D-(+)-Glucose	Sigma Aldrich	G5767	
Endothelin-1	Sigma Aldrich	E7764	
Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetra acetic acid (EGTA)	Sigma Aldrich	E3889	
Ethylene diamine tetra acetic acid (EDTA)	Sigma Aldrich	E9884	
HEPES	Sigma Aldrich	H3784	
N_w-nito-L-arginine methyl ester hydrochloride	Sigma Aldrich	N5751	
Magnesium sulfate ($MgSO_4$)	Sigma Aldrich	M7506	
Potassium chloride (KCL)	Sigma Aldrich	P3911	
Potassium phosphate (KH_2PO_4)	Sigma Aldrich	P5655	
Papaverine	Sigma Aldrich	P3510	
Sodium bicarbonate ($NaHCO_3$)	Sigma Aldrich	S6014	
Sodium chloride (NaCl)	Sigma Aldrich	S7653	
Sodium phosphate monobasic monohydrate (NaH2Po4)	Sigma Aldrich	S9638	
Name	**Company**	**Catalog Number**	**Comments**
Equipment			
Forceps	Finescience tools	15000-08	
Inverted microscope	Zeiss Achromat		
Laboratory tubing	Euro-Pharm	250100306F999	
Needle/pippette puller	David kopf instruments	720	
Ophthalmic monofilament nylon suture	Surgical specialties	A7756N	
Scissors	Finescience tools	150000-08	
Vessel Chamber	DMT	VAS v.2.1	