

Materials List for:

Isolating Primary Melanocyte-like Cells from the Mouse Heart

Hayoung Hwang¹, Fang Liu¹, Mark D. Levin¹, Vickas V. Patel¹

¹Penn Cardiovascular Institute, Perelman School of Medicine, University of Pennsylvania

Correspondence to: Vickas V. Patel at patelv@mail.med.upenn.edu

URL: <https://www.jove.com/video/4357>

DOI: [doi:10.3791/4357](https://doi.org/10.3791/4357)

Materials

Name	Company	Catalog Number	Comments
MCDB 153	Sigma-Aldrich	M7403	Dissolve in water
DPBS, no calcium no magnesium	Invitrogen	14190136	Stock conc.: 1x Working conc.: 1x
Penicillin-streptomycin	Invitrogen	15140163	Stock conc.: 100x Working conc.: 1x
Fetal Bovine Serum	Life Technology	Certified	Working conc.: 4%
TPA	Sigma-Aldrich	P1585	Dissolve in DMSO Stock conc.: 3.2 µM Working conc.: 32 nM
Transferrin	Sigma-Aldrich	T8158	Dissolve in DPBS Stock conc.: 0.1 mg/ml Working conc.: 1 µg/ml
Dibutyryl cyclic AMP	Sigma-Aldrich	D0627	Dissolve in DPBS Stock conc.: 0.5 mM Working conc.: 5 µM
Insulin	Sigma-Aldrich	I6634	Dissolve in 10 mM acetic acid Stock conc.: 1 mg/ml Working conc.: 5 µg/ml
Basic FGF	BD Biosciences	354060	Dissolve in water Stock conc.: 4 ng/µl Working conc.: 4 ng/ml