

Measuring Mitochondrial Electron Transfer Complexes in Previously Frozen Cardiac Tissue from the Offspring of Sow: A Model to Assess Exercise-Induced Mitochondrial Bioenergetics Changes

Daniel Barrera¹, Sierra Upton², Megan Rauch³, Tara Notarianni⁴, Ki Suk Eum⁵, Megan Liberty⁶, Sarmila Venkoba Sah⁷, Robert Liu⁸, Sean Newcomer⁹, Linda E. May¹⁰, Emre Agbas¹¹, Jessica Sage¹², Edina Kosa⁷, Abdulbaki Agbas^{7,13}

¹AdventHelath ²University of Illinois Chicago School of Public Health ³Lincoln Memorial University ⁴Children's Mercy Hospital ⁵Scripps Clinic ⁶Cincinnati Children's Hospital Medical Center ⁷Kansas City University ⁸Roblex Rex Veterans Affairs Medical Center ⁹California State University San Marcos ¹⁰East Carolina University ¹¹Massachusetts Institute of Technology ¹²Boehringer Ingelheim Norway KS ¹³Heartland Center for Mitochondrial Medicine

Corresponding Author

Abdulbaki Agbas
aagbas@kansascity.edu

Citation

Barrera, D., Upton, S., Rauch, M., Notarianni, T., Eum, K.S., Liberty, M., Sah, S.V., Liu, R., Newcomer, S., May, L.E., Agbas, E., Sage, J., Kosa, E., Agbas, A. Measuring Mitochondrial Electron Transfer Complexes in Previously Frozen Cardiac Tissue from the Offspring of Sow: A Model to Assess Exercise-Induced Mitochondrial Bioenergetics Changes. *J. Vis. Exp.* (174), e62809, doi:10.3791/62809 (2021).

Date Published

August 16, 2021

DOI

10.3791/62809

URL

jove.com/video/62809

Materials

Name	Company	Catalog Number	Comments
Amino caproic acid	Sigma/Aldrich	A2504-100G	
Anti-Hu Total OxPhos complex kit	Invitrogen	458199	
anti-VDAC antibody	abcam	ab15895	use 1 µg/mL
Coomassie G-250	ThermoScientific	20279	
Coomassie GelCode Blue	ThermoScientific	24592	
Digitonin	Cabiochem	300410	
Glass-Glass pestle homogenizer	VWR	KT885451-0020	
Image Studio	LICOR		
IR-Dye conjugated anti-Rabbit Ab	LICOR	LC0725	
Multiwell plate reader	BioTek	Synergy HT	
Native molecular weight marker	ThermoFisher	BN2001	
Nylon mesh monofilament	Small Part Inc	CMN-74	
Orbital shaker	ThermoScientific		
PCT Shredder	Pressure Bioscience Inc		
SEA BLOCK Blocking buffer	ThermoScientific	37527	
Shredder PULSE Tube	Pressure Bioscience Inc	FT500-PS	
Table top centrifuge	Eppendorf	5418	
Trypsin	Amresco	M150-1G	

Trypsin inhibitor	Amresco	M191-1G	Requires fresh preparation
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