

Mouse Model of Oleic Acid-Induced Acute Respiratory Distress Syndrome

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Citation

de Oliveira Rodrigues, S., Patricio de Almeida, M.A., Castro-Faria-Neto, H.C., Silva, A.R., Felipe Gonçalves-de-Albuquerque, C. Mouse Model of Oleic Acid-Induced Acute Respiratory Distress Syndrome. *J. Vis. Exp.* (184), e63566, doi:10.3791/63566 (2022).

Date Published

June 2, 2022

DOI

10.3791/63566

URL

jove.com/video/63566

Materials

Name	Company	Catalog Number	Comments
Anesthetic vaporizer	SurgiVet	model 100	
Braided silk thread with needle number 5	Shalon medical	N/A	
Cabinet vivarium	Insight	Model EB273	
Centrifuge	Eppendorf	5430/5430R	
Cytofunnel	ThermoFisher	11-025-48	
Drontal puppy	Bayer	N/A	
Hank's balanced Salts	Sigma-Aldrich	H4981	
Heatpad	tkreprodução	TK-500	
Hydrochloric Acid	Sigma-Aldrich	30721	
Insulin syringe Ultrafine	BD	328322	
Isoforine 1mL/mL	Cristália	N/A	
Ketamine	Syntec	N/A	
May-Grunwald-Giemsa	Sigma-Aldrich	205435	
Micro BCA Protein Assay Kit	ThermoFisher	23235	
Microscope PrimoStar	Carl Zeiss		
Mouse IL-1 beta duoSet ELISA	R&D system	DY401	
Mouse IL-6 duoSet ELISA	R&D system	DY406	
Mouse TNF-alpha duoSet ELISA	R&D system	DY410	
Neubauer chamber improved bright-line	Global optics		
Oleic Acid (99%)	Sigma-Aldrich	O1008	
Osmium tetroxide solution (4%)	Sigma-Aldrich	75632	

Peripheral Intravenous Catherter 20 G	BD Angiocath	388333	
Prism 8 (graphic and statistic software)	Graphpad	N/A	
Prostaglandin E2 ELISA Kit - Monoclonal	Cayman Chemical	514010	
Shandon Cytospin 3	ThermoFisher	N/A	
Sodium hydroxide	Merck	1,06,49,81,000	
Spectrophotometer	Molecular Devices	SpectraMax ABS plus	
Swiss webster mice	ICTB/FIOCRUZ	N/A	
Syringe 1 mL	BD	990189	
Tris-base	Bio Rad	161-0719	Electrophoresis purity reagent
Türk's solution	Sigma-Aldrich	93770	
Xilazine	Syntec	N/A	