

Materials List for

# Evaluation of Lipid Droplet Size and Fusion in Bovine Hepatic Cells

Jingna Yang<sup>1</sup>, Fangyuan Kang<sup>1</sup>, Anqi Wei<sup>1</sup>, Wenyan Lu<sup>1</sup>, Xinfu Zhang<sup>1</sup>, Liqiang Han<sup>1</sup>

<sup>1</sup>College of Veterinary Medicine, Henan Agricultural University

## Corresponding Author

Liqiang Han

qlhan2001@126.com

## Citation

Yang, J., Kang, F., Wei, A., Lu, W., Zhang, X., Han, L. Evaluation of Lipid Droplet Size and Fusion in Bovine Hepatic Cells. *J. Vis. Exp.* (193), e65234, doi:10.3791/65234 (2023).

## Date Published

March 10, 2023

## DOI

10.3791/65234

## URL

jove.com/video/65234

## Materials

Name	Company	Catalog Number	Comments
0.25% trypsin	Gibco	25200072	reagent
4% paraformaldehyde	Solarbio	P1110	reagent
BODIPY 493/503	invitrogen	2295015	reagent
Cedar oil	Solarbio	C7140	reagent
cell counting chamber			equipment
cell culture dish	Corning	353002	material
cell sens software	Olympus IX73		software
Centrifuge	Eppendorf		equipment
DMEM	HyClone	SH30022.01	reagent
Fetal Bovine Serum	Gibco	2492319	reagent
hematoxylin	DingGuo	AR0712	reagent
Image view			image analysis software
linoleic acid	Solarbio	SL8520	reagent
Live Cell Station	Nikon A1 HD25		equipment
NIS-Elements	Nikon		software
oil red O	Solarbio	G1260	reagent
optical microscope	Olympus IX73		equipment
Penicillin & Streptomycin 100×	NCM Biotech	CLOOC5	reagent
Phosphate Buffered Saline	HyClone	SH30258.01	reagent
Pipette	Eppendorf		equipment
Sealing agent	Solarbio	S2150	reagent