

Materials List for

# Detection of Total Reactive Oxygen Species in Adherent Cells by 2',7'-Dichlorodihydrofluorescein Diacetate Staining

Hyeoncheol Kim<sup>1</sup>, Xiang Xue<sup>1</sup>

<sup>1</sup>Department of Biochemistry and Molecular Biology, University of New Mexico

## Corresponding Author

Xiang Xue

xxue@salud.unm.edu

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jove.com/video/60682

## Materials

Name	Company	Catalog Number	Comments
2',7'-Dichlorofluorescein diacetate	Cayman Chemical, Ann Arbor, MI	20656	
Doxorubicin hydrochloride	TCI America, Portland, OR	D4193-25MG	
Dulbecco's Modified Eagle Medium	Corning, Corning, NY	45000-304	
Ferrous Sulfate Heptahydrate	VWR, Radnor, PA	97061-542	
Invitrogen EVOS FL Auto Imaging System	Thermo Fisher Scientific Waltham, MA	AMAFD1000	or any other fluorescence microscope
Protein assay Bradford solution	Bio-Rad, Hercules, CA	5000001	
SpectraMax M2 Microplate Reader	Molecular Devices, Radnor, PA	89429-532	or any other fluorescence microplate reader