

Materials List for:

# One-step Protocol for Evaluation of the Mode of Radiation-Induced Clonogenic Cell Death by Fluorescence Microscopy

Daijiro Kobayashi<sup>1</sup>, Atsushi Shibata<sup>2</sup>, Takahiro Oike<sup>1</sup>, Takashi Nakano<sup>1</sup>

<sup>1</sup>Department of Radiation Oncology, Gunma University Graduate School of Medicine

<sup>2</sup>Advanced Scientific Research Leaders Development Unit, Gunma University Graduate School of Medicine

Correspondence to: Takahiro Oike at [oiketakahiro@gmail.com](mailto:oiketakahiro@gmail.com)

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## Materials

Name	Company	Catalog Number	Comments
cover slip	Matsunami	C013001	
paraformaldehyde	Sigma-Aldrich	P6148-1KG	
sucrose	Sigma-Aldrich	84097-250G	
phosphate-buffered saline	Cosmo Bio	16232000	
scalpel	Kai Medical	No.20, 520-A	
35 mm cell culture dish	Falcon	353001	
trypsin	Wako	201-16945	
inverted phase microscope	Shimazu	114-909	
X-ray irradiator	Faxitron Bioptics	Faxitron RX-650	
square culture dish	Corning	431110	
slide glass	Matsunami	Pro-11	
DAPI staining reagent	Cell Signaling	8961S	
fluorescence microscope	Nikon	ECLIPSE Ni	
fluorescence microscope DAPI filter	Nikon	U-FUW, BP340-390, BA420IF, DM410	
fluorescence microscope lens (20×)	Nikon	Plan Apo λ 20X/0.75	
fluorescence microscope lens (60×, oil)	Nikon	Plan Apo λ 60X/1.40 oil	
oil	Olympus	N5218600	
CCD camera	Nikon	DS-Qi2	
digital image acquisition software	Nikon	NIS-Elements Document	
lens cleaner	Olympus	OT0552	
chloroform	Wako	035-02616	