

Materials List for

Flow Cytometric Analysis of Apoptotic Biomarkers in Actinomycin D-treated SiHa Cervical Cancer Cells

Rivak Punchoo^{1,2}, Esther Zhou¹, Sachin Bhoora¹

¹Department of Chemical Pathology, Faculty of Health Sciences, University of Pretoria ²Tshwane Academic Division, National Health Laboratory Service

Corresponding Author

Rivak Punchoo
rivak.punchoo@up.ac.za

Citation

Punchoo, R., Zhou, E., Bhoora, S. Flow Cytometric Analysis of Apoptotic Biomarkers in Actinomycin D-treated SiHa Cervical Cancer Cells. *J. Vis. Exp.* (174), e62663, doi:10.3791/62663 (2021).

Date Published

August 26, 2021

DOI

10.3791/62663

URL

jove.com/video/62663

Materials

Name	Company	Catalog Number	Comments
6-well plates	Lasec	P1PLA044C-000006	
Dimethyl Sulfoxide	Sigma-Aldrich	D8418	
DMEM	ThermoFisher	41966052	
Glutamine	Sigma-Aldrich	P10-040500	
Guava Muse Cell Analyzer	Luminex	0500-3115	
Microcentrifuge tubes/Eppendorf	Merck	EP0030122208-200EA	
Muse Annexin V kit	Merck	MCH100105	
Muse Caspase-3/7 kit	Merck	MCH100108	
Muse Count and Viability kit	Merck	MCH600103	
Muse DNA Damage kit	Merck	MCH200107	
Muse MitoPotential kit	Merck	MCH100110	
PBS Buffer	ThermoFisher	70013065	
Pen-strep	Sigma-Aldrich	P4333	
SiHa cells	ATCC	CRL-1550	
T25 culture flasks	Sigma-Aldrich	C6231	
Trypsin	Pan Biotech	P10-040500	