

Materials List for:

Diagonal Method to Measure Synergy Among Any Number of Drugs

Melike Cokol-Cakmak¹, Feray Bakan², Selim Cetiner¹, Murat Cokol^{1,2,3}

¹Faculty of Engineering and Natural Sciences, Sabanci University

²Nanotechnology Research and Application Center, Sabanci University

³Laboratory of Systems Pharmacology, Harvard Medical School

Correspondence to: Murat Cokol at murat_cokol@hms.harvard.edu

URL: <https://www.jove.com/video/57713>

DOI: [doi:10.3791/57713](https://doi.org/10.3791/57713)

Materials

Name	Company	Catalog Number	Comments
1.5 mL Semi Micro Cuvette	VWR	97000-586	
1.5 mL Eppendorf Microcentrifuge Tubes	USA Scientific	4036-3204	
1000 µL Tips	Geneseesci	24830	
14 mL Breathable Cell Culture Tube	VWR	60819-761	
20 µL Tips	Geneseesci	24804	
200 µL Tips	Geneseesci	24815	
37 °C Incubator	Panasonic	MIR-262-PA	
37 °C Shaker Incubator	Thermo Scientific	SHKE8000	
5 mL Cell Culture Serological Pipette	VWR	53300-421	
96-well Microplates	VWR	15705-066	
Breathable Sealing Film	USA Scientific	2920-0010	
DMSO	Sigma	41647	
<i>Escherichia coli</i>	ATCC	700926	
Glycerol	Sigma	G9012	
LB Broth Powder	RPI	L24065	
Levofloxacin	Sigma	28266	
Micropipette	GILSON	PIPETMAN Classic	
Microplate reader	BioTek	Synergy H1	
Multichannel micropipette	VistaLab	1060	
Nalidixic acid	Sigma	N8878	
Penicillin G	Sigma	P3032	
Pipette Pump	Drummond	4-000-501	
Reagent Reservoir	VWR	89094-658	
Spectrophotometer	BIO-RAD	1702525	
Vortex Mixer	Fisher Scientific	10-320-807	