

Materials List for:

System for Efficacy and Cytotoxicity Screening of Inhibitors Targeting Intracellular *Mycobacterium tuberculosis*

Xingji Zheng¹, Yossef Av-Gay¹

¹Department of Medicine, University of British Columbia

Correspondence to: Xingji Zheng at xingjiz@gmail.com

URL: <https://www.jove.com/video/55273>

DOI: [doi:10.3791/55273](https://doi.org/10.3791/55273)

Materials

Name	Company	Catalog Number	Comments
RPMI 1640	Sigma-Aldrich	R5886	
L-glutamine	Sigma-Aldrich	G7513	
Fetal bovine serum (FBS)	Thermo Fisher Scientific	12483020	
Middlebrook 7H9	Becton, Dickinson and Company	271210	
Tween80	Fisher Scientific	T164	
Albumin, Bovine pH7	Affymetrix	10857	
Dextrose	Fisher Scientific	BP350	
Sodium Chloride	Fisher Scientific	BP358	
kanamycin sulfate	Fisher Scientific	BP906	
PMA	Sigma-Aldrich	P8139	
MTT	Sigma-Aldrich	M2128	
<i>N,N</i> -Dimethylformamide (DMF)	Fisher Scientific	D131	
1 M Hydrochloric acid (HCl)	Fisher Scientific	351279212	
Acetic acid	Fisher Scientific	351269	
SDS	Fisher Scientific	BP166	
Resazurin	Alfa Aesar	B21187	
DMSO	Sigma-Aldrich	D5879	
Glycerol	Fisher Scientific	BP229	
THP-1	American Type Culture Collection	TIB-202	
<i>M. tuberculosis</i> H37Rv			
96-well flat bottom white plate	Corning	3917	
95-well flat bottom clear plate	Corning	3595	
Transparent plate sealer	Thermo Fisher Scientific	AB-0580	
Spectrophotometer	Thermo Fisher Scientific	Biomate 3	
Microplate spectrophotometer	Biotek	Epoch	
luminometer	Applied Biosystems	Tropix TR717	