

Materials List for:

Visualization of the Charcoal Agar Resazurin Assay for Semi-quantitative, Medium-throughput Enumeration of Mycobacteria

Ben Gold¹, Julia Roberts^{*1}, Yan Ling^{*1}, Landys Lopez Quezada¹, Jou Glasheen¹, Elaine Ballinger¹, Selin Somersan-Karakaya², Thulasi Warriar¹, Carl Nathan¹

¹Departments of Microbiology & Immunology, Weill Cornell Medical College

²Medicine, Weill Cornell Medical College

*These authors contributed equally

Correspondence to: Ben Gold at bsg2001@med.cornell.edu

URL: <https://www.jove.com/video/54690>

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Materials

Name	Company	Catalog Number	Comments
Middlebrook 7H9	Beckton Dickinson	271310	
Middlebrook 7H11	Beckton Dickinson	298810	
Middlebrook OADC	Beckton Dickinson	212351	
BSA, heat shock	Roche	3118958001	
activated charcoal	Sigma	C5510	
PBS, Dulbecco's Ca ²⁺ and Mg ²⁺ free	Life Technologies / Invitrogen	14190-144	
tween 80	Sigma	P8074	
tyloxapol	Sigma	T8761	
sodium nitrite	Sigma	2252	
rifampicin	Sigma	R3501	
6-bromo-1H-indazol-3-amine	Alfa Aesar	H34095	
potassium phosphate monobasic	Sigma	P0662	
magnesium sulfate, heptahydrate	Sigma	M1880	
ferric ammonium citrate	Sigma	F5879	
zinc sulfate, heptahydrate	Sigma	Z0251	
ammonium chloride	Sigma	A9434	
butyric acid, liquid	Sigma	B103500	
resazurin powder	Sigma	R7017	
sodium chloride	J.T. Baker	4058-01	
prepared resazurin solution	Invitrogen	DAL1100	
PCR stickers	Denville	B1212-5	
spectrophotometer	Molecular Devices	M5	
96-well, tissue culture treated microplates	Corning	3595	
reagent reservoirs	VWR	89094-678	
resealable plastic bags	VWR	395-94602	
14 ml Polypropylene round-bottom tubes	Corning	352059	
50 ml conical centrifuge tube	Corning	352070	
75 cm ² Cell culture flask	Corning	431464U	

clear, flat bottom tissue culture treated 96-well microplate	Costar	3595	
Prism 6 for OS X	GraphPad	http://www.graphpad.com/scientific-software/prism/	