



PREPARATION



ISOLATION



PURIFICATION



AMPLIFICATION



EXTRACTION



CHARACTERIZATION



SEQUENCING



ANNOTATION



PHAMERATION







































FURTHER DISCOVERY

M. smegmatis Media Additions

BACKGROUND

This is a reference table for the amount of additives to be added to media of *M. smegmatis*, as well as markers' colors to denote their presence.

Additive	Stock Conc.	Final Conc.	Add per		
			100 mL	500 mL	1 L
 ADC 	10X	1X	10 mL	50 mL	100 mL
CaCl ₂	0.1 M	1 mM	1 mL	5 mL	10 mL
Tween®80	20%	0.05%	250 µL	1.25 mL	2.5 mL
 CB 	50 mg/mL	50 µg/mL	100 µL	500 µL	1 mL
 CHX 	10 mg/mL	10 µg/mL	100 µL	500 µL	1 mL
 Leucine 	10 mg/mL	100 µg/mL	1 mL	5 mL	10 mL
 Kan 	50 mg/mL	20 µg/mL	40 µL	200 µL	400 µL
 Hyg 	100 mg/mL	150 µg/mL	150 µL	750 µL	1.5 mL
 Tet 	5 mg/mL	2.5 µg/mL	50 µL	250 µL	500 µL
 Atc 	40 µg/mL	40 ng/mL	100 µL	500 µL	1 mL
CM	100 mg/mL	40 µg/mL	40 µL	200 µL	400 µL
 Gent (liq/plate) 	10 mg/mL	2.5–10 µg/mL	25/100 µL	125/500 µL	250 µL/1 mL
Apr	100 mg/mL	50 µg/mL	50 µL	250 µL	500 µL
 INH 	50 mg/mL	25 µg/mL	50 µL	250 µL	500 µL
 ETH 	50 mg/mL	25 µg/mL	50 µL	250 µL	500 µL
 RIF 	50 mg/mL	200 µg/mL	400 µL	2 mL	4 mL
 STR 	50 mg/mL	20 µg/mL	40 µL	200 µL	400 µL
 OFX 	500 µg/mL	0.5 µg/mL	100 µL	500 µL	1 mL
 EMB 	50 mg/mL	10 µg/mL	20 µL	100 µL	200 µL
 X-Gal 	50 mg/mL	40 µg/mL	80 µL	400 µL	800 µL
 5-FOA 	N/A	1 mg/mL	100 mg	500 mg	1 g
 Ura 	200 mM	0.2 mM	100 µL	500 µL	1 mL