

Muta-ChromoPlate Quick Reference Experimental Procedure Flow Chart

Sterilize filter test material solution

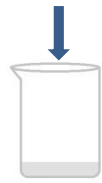
Test material



0.22 μ m filter

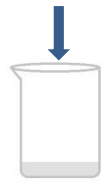
Dilute sterilized test material

15 mL test material
+ 2.5 mL H₂O



Least dilute

10 mL test material
+ 7.5 mL H₂O



5 mL test material
+ 12.5 mL H₂O



Most dilute

Prepare reaction mixture



Reaction mixture



5 μ L
Bacterial suspension
cultured overnight

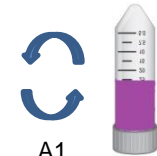


A1

A2

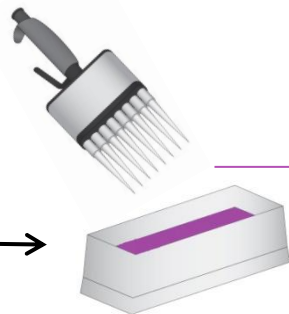
A3

Add 17.5 mL of test material
solution, 2.5 mL of reaction
mixture, and 5 μ L of bacterial
suspension to centrifuge tube

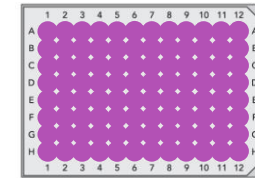
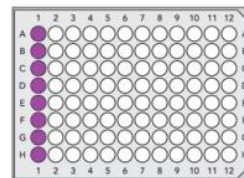


A1
Mix well

Transfer to sterile
reagent boat



Using a multichannel pipette,
transfer 200 μ L of solution to
each well of a sterile 96 well
micro-titration plate



Incubate filled
plates at 37 $^{\circ}$ C for
3 – 6 days in
sealed plastic
bags