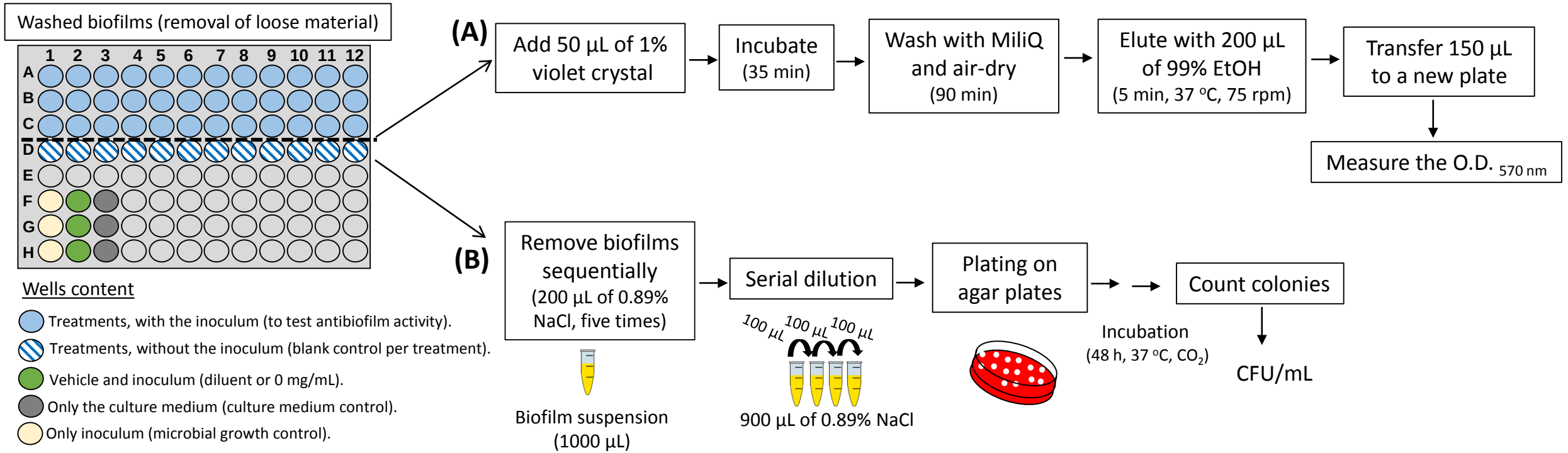
Washed biofilms (removal of loose material)
1 2 3 4 5 6 7 8 9 10 11 12
A
B
C
D
E
F
G
H
Wells content
Treatments, with the inoculum (to test antibiofilm activity).
Treatments, without the inoculum (blank control per treatment).
Vehicle and inoculum (diluent or 0 mg/mL).
Only the culture medium (culture medium control).
Only inoculum (microbial growth control).
(A)
Add 50 µL of 1% violet crystal
Incubate (35 min)
Wash with MiliQ and air-dry (90 min)
Elute with 200 µL of 99% EtOH (5 min, 37 °C, 75 rpm)
Transfer 150 µL to a new plate
Measure the O.D. 570 nm
(B)
Remove biofilms sequentially (200 µL of 0.89% NaCl, five times)
Biofilm suspension (1000 µL)
Serial dilution
100 µL
100 µL
100 µL
900 µL of 0.89% NaCl
Plating on agar plates
Incubation (48 h, 37 °C, CO2)
Count colonies
CFU/mL