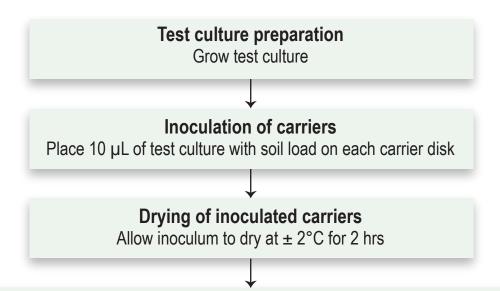
Flow Chart: The main steps of QCT-2



Exposure to inoculated carriers to test formulation for the desired contact time Place 50 μ L of test formulation on the surface of test carriers and 50 μ L of a buffer on control carriers

Neutralization for bactericidal, fungicidal, mycobactericidal or sporicidal activity
Add 9.95 mL of saline-T w/wo Neutralizer to each vial with carrier, vortex 45-60 seconds.

Dilution preparation

Make 10-fold dilutions of the eluate in saline as necessary

Filtration & incubation

Pass each dilution to be tested through a separate memberane filter, place filter on recovery medium and incubate

Neutralization for virucidal activity

Add 950 µL of a balanced salt solution w/wo Neutralizer to each vial with carrier, vortex 45-60 seconds.

Dilution preparation

Transfer eluate to a 2 mL vial and make 10-fold dilutions in balanced salt solution as necessary

Incubation

Inoculate dilutions to be tested onto monolayers of host cells and incubate

Determination of log₁₀ reduction

Count the CFU/PFU and calculate the log₁₀ reduction of organism