

Millipore Multiscreen Method

©*Materials and Reagents*

Multiscreen Vacuum Manifold – Millipore Cat. MAVM 096 OR

Multiscreen PCR plates – Millipore Cat. MANU 030

3X SSC, dilute from 20X SSC - Invitrogen Cat. 15557-036

TE pH 7.5

Multichannel pipet

96-Well polypropylene, V-bottom Microplate

3M Scotch aluminum tape

Plastic wrap

Ziploc plastic bags

1. At the conclusion of the PCR reaction, pipet the reaction products (100 μ l) into the 96 well Millipore Multiscreen PCR plate.
2. Place the Multiscreen plate on top of the Multiscreen Vacuum Manifold and apply vacuum at 20 inches of Hg for 10 min until no liquid remains in the wells.
3. Wash by adding 120 μ l water to each well and apply vacuum again for 13 min.
4. To resuspend PCR products, add 35 μ l of 3X SSC to each well. Cover plate with cover provided and shake vigorously on a plate shaker for 10 min.
5. Remove as much as possible of the resuspended products (recovery about 30 μ l) from each well using a multichannel pipet and place in a new, 96 well plate for storage. Seal plate with 3 M Scotch aluminum tape, wrap in moist paper towels

and plastic wrap, then place it in a Ziploc plastic bag. Store at -20°C
(non-defrosting freezer).