



PolySkope 1.0 Multiplex Assay Quick Reference Worksheet

PolySkope Media Preparation

100 g PMEM Media into 1 Liter Water



Boil 1 minute & mix Thoroughly



Autoclave @ 121°C for 15 minutes

PolySkope Lysis Buffer Preparation

Pour contents (7.5 mL) of Reagent Bottle C (Lysis Component 1) into Reagent Bottle D (7.5 mL)



Pour contents (13.2g) of Reagent Bottle E (beads) into Reagent Bottle D (15 mL lysis solution)



Mix thoroughly before transfer to keep in suspension



PolySkope Sample Preparation

225 ml pre-heated (37°C) PMEM media + 25 g sample



Stomach at 130 RPM for 30 seconds



Incubate @ 37°C for 22±2 hours



Add 150 µL lysis buffer to deepwell block



Transfer 50 µL sample from sample bag to deepwell block



Place block on thermomixer @ 65°C for 15 minutes @ 1400 RPM



Remove deepwell block, adjust thermomixer to 95°C



Shake deepwell block @ 95°C for 10 minutes @ 1400 RPM



Remove deepwell block, cool to room temperature before use



Transfer required volume sample lysate for analysis (ensure no lysis beads transferred)