Primer dilutions

Stock solution

Use #nmoles from the primer specification sheet.

For **100µM** : add (#nmoles × 10) µL of water

For **200µM** : add (#nmoles × 5) µL of water

Working solution

For **4 µM**:

$C_1V_1 = C_2V_2$

100µM (stock concentration) × **X** (stock volume needed) = 4 µM (working concentration) × 200 µL (working volume needed)

X = (4 µM × 200 µL) / 100µM

X = 8 µL

To prepare working solution:

8 µL (stock solution) + **192 µL** (water) = **200 µL** (working volume needed)