**P1000 (200-1000 µl) – 7 1.5mL microcentrifuge tubes:**

1. Add 1000 µl to three 1.5mL tubes.
2. Visually check that each tube has the same volume.
3. Remove 750 µl from each tube and pipette into three new tubes.
4. Visually check that each tube has the same volume.
5. Remove 250 µl from the original three and pipette into one new tube.
6. Remove 750 µl from this tube and discard pipette tip.

**P200 (20-200 µl) – 3 sets of PCR 8 well strip tubes, and 1 1.5mL tube:**

1. Add 100 µl to each well of a set of strip tubes.
2. Visually check that each tube has the same volume.
3. Remove 50 µl from each tube and pipette into a new set of strip tubes.
4. Visually check that each tube has the same volume.
5. Remove 30 µl from the original strip tubes and pipette into a new set of strip tubes.
6. Visually check that each tube has the same volume.
7. Remove 20 µl from the original strip tubes and pipette into one new tube.
8. Remove 160 µl from this tube and discard pipette tip.

**P20 and p200 (10-20 µl and 20-200ul) – 1 set of 8-strip tubes and 1 1.5mL tube:**

1. Add 18 µl to each well of a set of strip tubes.
2. Visually check that each tube has the same volume.
3. Remove 12 µl from each well and pipette into one new 1.5mL tube.
4. Remove 96 µl from this tube and discard.

**P20 (10-20 µl) – 1 set of 8-strip tubes:**

1. Add 7 µl to three 0.2 mL tubes.
2. Visually check that each tube has the same volume.
3. Add 2 µl to each tube.
4. Visually check that each tube has the same volume.
5. Remove 9 µl from each tube and pipette into three new 0.2 mL tubes.
6. Visually check that each tube has the same volume.

**Large volume:**

1. Add 179 µl to a 1.5mL tube
2. Add 465 µl to the same tube
3. Remove 602 µl from the tube
4. Remove 42 µl from the tube

**Small volume:**

1. Add 8.3 µl to a strip or .2mL tube
2. Add 13.5 µl to the same tube
3. Remove 15.6 µl from the tube
4. Remove 6.2 µl from the tube