**Recipes:**

**QIAGEN Protease stock solution (Qiagen)**

Add 1.2ml or 5.5ml protease solvent to the lyophilized QIAGEN Protease for the 50 or 250 reaction kit, respectively

Aliquot into 1.5ml microcentrifuge tubes, 20µl of the stock solution per tube.

 Store at -20˚C.

**Wash Solution 1**

 15ml Denaturing Lysis Solution (Ambion)

 35ml 100% ethanol

 Store at room temperature

**Wash Solution 2**

 80ml 100% ethanol

 19ml nuclease-free water

 1ml 5M NaCl

 Store at room temperature

**PBMC Freezing Medium 1 (prepare a master mix based on these per participant volumes)**

1ml FBS

 1.5ml RPMI 1640

 Store at 4°C for up to one week.

**PBMC Freezing Medium 2 (prepare a master mix based on these per participant volumes)**

0.5ml DMSO

 2ml RPMI 1640

 Store at 4°C for up to one week.