

The following procedure has been modified from Perfetto, Stephen P. *FCC Cell Sorting Facility: Safety Practices and Procedures*. 2017 June 30. Vaccine Research Center, NIAID.

PPE Donning Procedure:

1. Gloves
2. Disposable fluid resistant gown or coveralls
3. Tyvek sleeves
4. PAPR:
  - a. Clip the belt around the waist and attach the fully charged MaxAir battery back to the belt
  - b. Plug in the power cord from the helmet to the motor pack on your waist
  - c. The helmet will begin circulating air
  - d. Wait until the three lights inside the helmet turn green indicating airflow is properly circulating before donning the helmet  
\*\* If light remains red check connections and proper fitting of helmet and try the spare battery. If light remains red do not don helmet. Yellow or red lights indicate battery requires charging
5. Shoe covers
6. Second pair of gloves (if required)

PPE Doffing Procedure:

1. Remove disposable gown and shoe covers and discard in biohazard waste bin
2. Using a Kimwipe wetted with 70% ethanol, wipe down PARR (helmet, shroud, battery pack and cord)
3. If double-gloved, spray a Kimwipe with 70% ethanol, wipe outer pair of gloves and discard in biohazard waste bin
4. Remove PAPR and disconnect it from battery
5. Remove battery pack and belt
6. Remove gloves and discard in biohazard waste bin
7. Exit the sorter room
8. Wash hands in main lab, room E-362 before exiting to office space