

Equipment at University of Botswana/Botswana-UPenn Partnership Laboratory:

Nuclisens easyMAG (Biomerieux) automated nucleic acid extractor

- 4x Class II A Bio-Safety Cabinet
- 6 thermal PCR blocks (Bio-Rad)
- 4 horizontal electrophoresis systems (Bio-Rad)
- Gel-imaging system (Bio-rad)
- Refrigerated centrifuge (Thermo Scientific)
- Microfuge (Eppendorf)
- -80°C and -20°C freezers (Thermo Scientific)
- 2-8°C refrigerator (Kelivinator)
- 28L Benchtop autoclave (Tuttnauer)
- water bath (Fisher Scientific),
- ELISA plate readers (Biotek)

Other Equipment Available as Arranged by CFAR International Core laboratory staff

- 1x 728L -80 freezer (Sanyo U73V)
- 1x Class II A Bio-Safety Cabinet
- 1x Cepheid Gene-X IV-Port machine (4 cartridge)
- 1x 489L 2-8 Pharmaceutical Fridge (Sanyo MPR-513)
- 1x Thermal Cycler (Bio-Rad T100)
- 1x Electrophoresis Tank (Bio-Rad Sub-Cell GT) plus combs and Gel Tray
- 1x Power pack for Electrophoresis suitable for 4x Electrophoresis tank (Bio Rad Power Pack Basic)
- 2x Bio-Merieux Film Array Biofire (One located at Princess Marina Hospital Microbiology Laboratory)
- 1x Inverted Microscope (Olympus CKX41)
- 1x 238L – Incubator (Sanyo MIR-254)
- 2x non refrigerated Centrifuges
- 1x Water Bath (Fisher Scientific)