

Information provided is the specifications for the rotor in these specific centrifuges only. It is user responsibility to adhere to the limitations of their vessels/consumables and to find recommended settings from manufacturers.

If a user has a container fail, it is their responsibility to inform the Lab Services Manager immediately and provide proper safety information. Cleanup will be done in conjunction with LSM.

Centrifuges

- ThermoFisher Scientific Sorvall Lynx 6000 Superspeed Centrifuge, **Equipment Corridor 500D**
 - Fiberlite F12-6x500 LEX fixed angle rotor, 6 x 500mL bottles
 - Max 12,000 RPM
 - Max 24,500 x g
 - Fiberlite F14-6x250y fixed angle rotor, 6 x 250mL bottles
 - Max 14,000 RPM
 - Max 30,250 x g
 - TH13-6x50 swinging bucket rotor, 6 x 50mL round-bottom tubes only
 - Max 13,100 RPM
 - Max 30,314 x g
 - Fiberlite F21-8x50y fixed angle rotor, 8 x 50mL round-bottom tubes only
 - Max 21,000 RPM
 - Max 52,800 x g
 - Fiberlite F14-14x50cy fixed angle rotor, 14 x 50mL (or 15mL with adapters) conical tubes only
 - Max 14,000 RPM
 - Max 33,600 x g
- Beckman Optima Max-XP Tabletop Ultracentrifuge, **Equipment Corridor 300C**
 - TLA 100.3 fixed angle rotor, 6 x 3.5mL, for use with thick wall polyallomer or polycarbonate tubes only, max volume per tube = 3mL.
 - Max 100,000 RPM
 - Max 541,000 x g
 - MLS-50 swinging bucket rotor, 4 x 5mL, for use with 5mL thin wall polyallomer, 3.5mL thick wall polyallomer, 3.5mL thick wall polycarbonate
 - Max 50,000 RPM
 - Max 268,000 x g
- Beckman Avanti JXN-26 High Speed Centrifuge, **Equipment Corridor 300C**
 - JLA-10.500 rotor fixed angle rotor, biosafety liquid canisters, 6 x 500mL bottles
 - Max 10,000 RPM
 - Max 18,600 x g
 - JS-13.1 swinging bucket rotor, 6 x 50mL round bottom tubes or bottles only
 - Max 13,000 RPM
 - Max 26,500 x g
 - JA-14.50 fixed angle rotor, 16 x 50mL (or 15mL with adapters) conical tubes only
 - Max 14,000 RPM
 - Max 35,000 x g
 - JA-25.50 fixed angle rotor, biosafety lid, 8 x 50mL round bottom tubes only
 - Max 25,000 RPM

LSB Biology Department Owned Equipment – 20190725

- Max 75,600 x g
- JLA-16.250 fixed angle rotor w/single locking lid, 6 x 250mL bottles
 - Max 16,000 RPM
 - Max 38,400 x g

Quantification

- ThermoFisher Scientific NanoDrop One, **512, Equipment Bench I, North End**
- ThermoFisher Scientific NanoDrop One^c, cuvette slot, **312, Equipment Bench I, South End**

Imagers

- Azure Biosystems C600 Western Blot Imaging System, digital transfer only, **509**
- BioRad ChemiDoc MP Imaging System with black & white printer, **312J**

Incubators/Freezers/Ovens/Ice Machines

- ThermoFisher Scientific MaxQ 8000 shaker incubator, 25 to 400RPM, stack of 2, **Equipment corridors 300F & 500G**
 - 3rd floor, top unit is temperature adjustable as long as other samples aren't in there yet. Bottom unit is fixed at 37°C.
 - 5th floor, top unit fixed at 37°C, bottom unit fixed at 30°C.
 - Units are non-refrigerated and are only guaranteed to achieve a low temperature 10°C above ambient. For example, if desired temperature is 30°C, ambient temperature would have to be 20°C. Since this isn't doable, there may be some fluctuations in temperature or an inability to fully reach desired temperature.
- MDF-U76VA-PA VIP UltraCold 26.7cu ft -80°C freezer, **one per floor – restricted usage. Must submit request for use through Shared Services Recharge Center.**
- ThermoFisher Scientific Heratherm OMH400 Oven, 180L, Mechanical convection, set to 50°C, max 250°C, **equipment corridor 300H**
- ThermoFisher Scientific Heratherm OGS400 Oven, 180L, Gravity convection, set to 50°C, max 250°C **equipment corridor 400H**
- Hoshizaki Ice Maker, **equipment corridors 200K, 300K, 400K, 500K**

Other Equipment

- ThermoFisher Scientific Heraguard ECO Clean Bench 0.9, 3ft width, with UV light and UV safe cover, **one per floor to share**