



List of Equipment Available in the Discovery Centers (shared core laboratories) at the University of North Texas Health Science Center

(<http://web.unthsc.edu/DiscoveryCenters>). Updated 8/5/2021

EAD 552- A 660 sq. ft. lab space equipped with an eye wash, sink for hand washing and a self-closing door restricting access to only permitted personnel.

- Eppendorf 5810R Refrigerated Centrifuge with rotors for 1.5ml, 2.0ml, 15ml and 50ml tubes
- Thermo Sorvall Legend Micro 21 Centrifuge
- Lauda Brinkman Circulator RM6 (waterbath capable of <-20°C to 100°C)
- Baxter Scientific Products Multi-Blok™ Heater
- Streamline® PCR Cabinet
- BioRad MiniOpticon 48-well real-time PCR system
- Eppendorf Mastercycler gradient thermocycler
- FisherBiotech UV Crosslinker FB-UVXL-1000
- UVP GelSolo imaging system
- Fisher Isotemp CO₂ incubator with decontamination cycle, x2
- Jouan IG050 stacked Water Jacketed Incubator
- L+R Ultrasonics PC3 bath sonicator
- Ohaus Pioneer PX Analytical Balance with 220g max
- Ohaus model NV1101 Balance with 1100g max
- Olympus 1X70 Inverted Fluorescence Microscope with Lumenera 2-5C digital camera for phase contrast and Epi-fluorescence imaging along with 7 fluorescence filters
- Labconco Purifier Delta Series Class II Biosafety Cabinet
- BioTek Synergy H1 Hybrid Multi-Mode Microplate Reader with Take3 plate for reading samples as low as 2µl
- New Brunswick Science AC-48 autoclave/sterilizer
- Double Glass Door Stainless Steel Refrigerator
- Forma ULT 8523 -86 degree C Double door Ultra-low Freezer
- Kenmore upright freezer
- Fisher Scientific Isotemp Digital Stirring Hotplate with temperature probe
- Fisher Scientific Accumet AB Benchtop pH Meter with probe stirrer and conductivity/TDS/Resistivity and Salinity probe
- Corning Stirrer Scholar stir plate
- New Brunswick Scientific Bio Dancer
- Bio-Tek ELX405R plate washer
- Drummond Pipet-aid and 0.5-1000µl single and multichannel pipettes
- Thermo Scientific Heratherm OGS60 drying oven
- Microwave

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RES 123- A 640 sq. ft. lab equipped with a fume hood, sink for hand washing and self-closing doors restricting access to only permitted personnel.

- Eppendorf 5424 Centrifuge with rotor for 1.5ml and 2.0ml tubes
- Thermo Sorvall Legend Micro 21R Refrigerated Centrifuge for 1.5ml and 2.0ml tubes
- Thermo IEC CL31R Multispeed Centrifuge for 15 and 50ml tubes
- Beckman J2-21M Refrigerated Centrifuge with rotors 50ml and 250ml tubes
- VWR Galazy Mini Microcentrifuge
- Precision 280 Series Waterbath
- Precision Model 25 Shaking Waterbath
- VWR Hotplate with stirrer
- Thermo Scientific Precision incubator
- Labnet Mini Incubator I 5110
- NuAire DH Autoflow CO₂ air jacketed incubator
- Sanyo CO₂ incubator
- Ohaus Pioneer PX Analytical Balance with 220g max
- Scout Pro balance
- Keyence AIO BZ-X810 Inverted Fluorescence Microscope with incubation capabilities
- Nikon TE2000-U Inverted Microscope with Retiga EXi Camera System for Nomarski DIC & Epi-Fluorescence imaging with 3 fluorescence filters
- Labconco Purifier Class II biosafety cabinet
- Fume Hood
- Biotek Synergy HTX Multi-Mode Plate Reader
- Amersham Biosciences Ultrospec 2100pro 8 place spectrophotometer
- Fridgidaire Refrigerator/Freezer
- Thermo Scientific General Purpose Laboratory Refrigerator
- Thermo Electron Corp Ultra-Low Freezer
- Thermo Scientific Prion 329 pH meter
- Biorad Gene PulserXcell electroporation system
- Fotodyne Foto/WL 26 white light transilluminator
- Labnet reciprocal 30 plate rotator
- Accublock Digital Dry Bath
- Stat Fax 2600 Automated Plate Washer
- Microwave
- Drummond Pipet-aid and single channel pipettes covering 1-1000 μ l

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