

Nanodrop DNA/RNA Quantification

Tips:

- Bring your own pipette tips and gloves to the NanoDrop machine.
- Save your data to your Z drive so that you can have it for later
- Clean the pedestal in between each run with water and a KimWipe

Procedure:

- Log into the computer next to the NanoDrop machine
- On the desktop open the ND1000 program
- In the pop-up window click "Nucleic Acid" for DNA or RNA samples
- Clean the NanoDrop pedestal (the little platform where you put your sample) with a KimWipe and water.
- Load 2 μ l of H₂O and click "Okay"
- Click "Blank" to calibrate it
- Where it says "Sample Type" click DNA-50 for DNA samples or RNA-40 for RNA samples
- Load 2 μ l of sample onto the pedestal, and click "Measure"
- After the machine analyzes it, save your data. If it is a good reading the graph will show a smooth curve. The absorbance reading at 230nm and 280nm should be about half of the reading at 260nm.
- **Remember to clean the pedestal between each reading**