

Nano-spec to determine DNA concentration

Last updated: December 10, 2010

Total time: 15 min

Using spectrophotometer (NanoDrop) in NLS325a

1. Open ND1000 program for the NanoDrop on the computer
2. Choose "Nucleic Acid" button
 - a. Wipe both side of "stand" with Kimwipe
 - b. Add a "blank" (1ul of ultrapure H₂O to the bottom stand)
*avoid bubbles (will mess up reading)
 - c. Click 'ok' to initialize program
 - d. Add another blank
 - e. When ready, add 1 ul of each sample and click "measure." Record ng/ul measurement on DNA tube.
**make sure to wipe the top and bottom of the stand after each sample!!