

# Nanodrop Instructions

These are general guidelines to help remind users who have already been trained

1. Open ND-1000 v. 3.2.1 on the Spec computer. This is the nanodrop software.
2. From here you can choose what particular substance you would like to analyze. For DNA/RNA choose the nucleic acid button.
3. You must now initialize the instrument with a 2 $\mu$ l drop of water. Raise the nanodrop pedestal arm and place a 2 $\mu$ l drop of distilled water on the analyzer. Lower the pedestal arm and hit OK to initialize the instrument.
4. You will now need to blank the instrument using a 2 $\mu$ l drop of whatever substance your nucleic acid is suspended in. Wipe off the analyzer with a Kimwipe and place a 2 $\mu$ l drop of whatever you are going to use as a blank on the analyzer. Lower the pedestal arm and click on the blank button in the upper left hand side.
5. You are now ready to analyze your samples. You must tell the software which substance you are analyzing, DNA, RNA, or ssDNA. This is done in the colored drop down list in the upper right hand corner. Right below this drop down list is a field where you may give the sample a label. All the samples are saved as you collect them and you may print out a report of all the samples you took when you are finished.
6. Place your first 2 $\mu$ l sample on the analyzer after wiping it off with a Kimwipe again. Lower the pedestal arm, give the sample a label, and push the measure button. Repeat this step until all samples have been read.
7. When finished wipe off the analyzer, lower the pedestal arm, and click on the report button to look at your report, or click the print report button to print it to the laser printer above. Close down the software.
8. Fill out one of the Usage cards by the instrument and drop it in the Usage Box on your way out.