

Appendix 7.1 – NanoDrop Spectrophotometer Operation

Date: _____

Experiment ID: 7.1-*yyyymmdd*

Technician: _____

Project: _____

Client Signature: _____

1. Open the NanoDrop ND-1000 software.
2. Select the appropriate application.
3. A dialogue box will open and ask that a water sample be placed on the pedestal.
4. Pipette 1.2ul nuclease-free water onto the pedestal.
5. Click <OK>. The instrument will calibrate itself.
6. Click <Blank> to zero the instrument for the specified application.
7. Blot the pedestal with a kim-wipe.
8. Measure samples by pipetting 1.2ul onto the pedestal and clicking <Measure>.
 - 8.1 Remove each sample from the pedestal by blotting with a kim-wipe.
 - 8.2 Dilute and repeat any sample that measures greater than 4000 ng/ul.
9. Following samples, measure nuclease-free water to verify lack of carry-over.
10. Save NanoDrop data as described in the procedure being performed.
11. When finished, place a folded kim-wipe on the pedestal, lower the arm, and close the software.