Standard operating procedure of Nanodrop

1.Objective: This instruction explains how use and keep the Nanodrop
2.Scope: using for documenting the concentration of nucleic acids or proteins
3.Responsibility: Laboratory assistance is responsible for the accuracy of the apparatus and should be reported to him/her in case of problems.
4. Materials and equipment
5.Guide lines for use:
Turn on the Nanodrop and its computer.
Run the ND-1000 software on the Based on your sample type, select Nucleic acid or protein options.
Wash the sensor of the apparatus with 2 µL deionized water (DW) and whatman filter paper
Again, add 2 µL deionized water on the center of sensor, lower down the arm of Nanodrop and press the “blank” key in the software.
Again remove the DW and add 2 µL of your source solution that used for extraction procedure -۶
on the sensor and press the Blank key.
After removing the source solution, add 2 µL of your sample and lower down the arm and -۷
press the “Measure” key.
Document the results and after washing the sensor with DW, exit from the software and turn -۸
off the apparatus.
6.Warning and safety precaution:
If any abnormal sound or vibrate are felt, press the “Stop” bottom immediately
7.Maintenance:
The door of the apparatus should be always closed.

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Document description	These instructions describe the usage, maintenance and calibration of Nanodrop which is kept in Core laboratory.
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