

Getting Started: Genomics Core Laboratory Guide for Agilent Bioanalyzer Users

The Agilent Bioanalyzer service requires 3 μl of RNA at a concentration of 50-500 $\text{ng}/\mu\text{l}$. If the concentration of your RNA sample is higher than this range, please dilute the RNA sample in RNase-free water. Please provide this 3 μl aliquot of RNA in a 200 μl PCR tube. Please provide the core staff with the exact RNA concentration of the sample that you are submitting to the core. The RNA aliquot will be heat denatured at 72°C, so if you provide more than the requested amount, the excess will not be returned to you.

Please submit the "Sample Submission Form" for the Bioanalyzer (Excel file) electronically to Marcia Grayson (grayson@uthscsa.edu) or Mandy Rolando Hinojosa (rolando@uthscsa.edu) prior to bringing your samples to 573C MED. We must have the PI and PID information in order to bill for our services. Your samples will not be run until this information is provided.

Turn-around time for Bioanalyzer results is 1 week. Please contact Marcia Grayson at 7-0950 or Mandy Rolando Hinojosa at 7-5071, if you have any questions.