



Quality and Quantification Analysis

Fragment Analyzer, Bioanalyzer, TapeStation, Nanodrop, Qubit

NOTE:

Please **DO NOT SUBMIT ENTIRE LIBRARY VOLUME**. QC-only samples are considered disposable!! Due to space limitations, the Core will only accept QC-only samples for **2 weeks** from the submission date; note that the storage period may vary during periods of high submission volume!!

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Contact Information	Date (mm/dd/yyyy)	
	Principal Investigator	Principal Investigator Email / Phone
	Department	Cancer Center Member? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Experiment Contact	Experiment Contact Email / Phone
	Billing Administrator	Billing Administrator Email / Phone

Sample Preparation and Delivery



1.5 mL Lo-Bind Epp tubes
Submit 5 ul; minimum 3



Simple, Unique Labels
"Initials-number"



Email Questions/Comments
genomics@bsd.uchicago.edu



Mail or Drop-Off Samples
9am - 4pm M-F

Project Information	Sample Names:	Number of Tubes Submitted:
	Sample Type: <input type="checkbox"/> DNA <input type="checkbox"/> RNA <input type="checkbox"/> NGS Library <input type="checkbox"/> Other:	
	Sample Labels:	
	Analysis: <input type="checkbox"/> Fragment Analyzer <input type="checkbox"/> Qubit <input type="checkbox"/> Nano Drop <input type="checkbox"/> BioAnalyzer	
	BioAnalyzer Assay Requested: <small>*note: RNA can only be run on the BioAnalyzer</small> <input type="checkbox"/> RNA Nano <input type="checkbox"/> RNA Pico	Fragment Analyzer Assay Requested: <input type="checkbox"/> Standard Sensitivity <input type="checkbox"/> High Sensitivity

Comments:

*NOTE: during periods of high volume/Fragment Analyzer maintenance, the Core reserves the right to run DNA QC samples on the Bioanalyzer, which is an equivalent platform to the Fragment Analyzer.

	RNA Nano	RNA Pico	DNA Standard Sensitivity	DNA High Sensitivity
Concentration Range	5-500 ng/ul	0.05-5 ng/ul	0.1-50 ng/ul	0.005-0.5 ng/ul
Sizing Range	-	-	25-1000 bp	50-6000 bp