

UMGC's NanoString Sample Submission Guidelines

1. Sample Requirements:
 - a. Minimum of **100 ng** Total RNA. When including technical replicate, submit **150 ng** of Total RNA.
 - b. All samples should be normalized to single concentration in the range of **20-50 ng/ul**.
 - c. Minimum volume of **10 ul** and maximum volume of **15 ul**. Contact exprm@umn.edu if this is not possible.
 - d. Submit samples in a nuclease free 96-well plate skirted PCR plate. (UMGC can provide this for a small charge.)
2. Kits from Ambion™ and Qiagen™ are recommended for purification of total RNA. Samples should be resuspended in purification kit buffers, RNase free water, TE, or Tris buffer
 - **Note: For miRNA do not purify beyond the Total RNA level.**
3. Quality control is required for miRNA. UMGC will only preform QC for total cell lysate or FFPE RNA upon request. (Indicate in the special instructions section of the submission form. QC charge will apply.)
4. Include a hard copy of the RNA Submission Form with plate.
5. Send RNA Submission Form electronically to exprm@umn.edu. Please follow instructions on form carefully.
6. Please give advance notice of submission date and time so staff can receive samples. Ship to the following address:

University of Minnesota Genomics Center
NanoString Expression
312 Church St SE, 1-202 Nils Hasselmo Hall
Minneapolis, MN 55455
612-624-3177

Incorrect submissions will delay your project.