

Guidelines for Submitting RNA Samples to the KUMC-MF

The KUMC-MF recommends that total RNA submitted for expression analysis be purified using the TRIzol® Reagent with Phase Lock Gel™ Heavy procedure (<http://www2.kumc.edu/siddrc/microarray/PhaseLockGelprotocol.pdf>) or using the Qiagen RNeasy kit. Submit RNA samples in nuclease-free water at a concentration of 1.0 ug/ul in 10ul total volume (extra volume is always appreciated). The KUMC-MF requires that all RNA samples submitted for expression analysis be assayed spectrophotometrically. **Note:** Resuspension of total RNA in DEPC treated water may reduce the 260/280 ratio below the desired 1.8 – 2.1 range without negative effect on target preparation. Submit samples in 1.5 –1.7ml microcentrifuge tubes with the name clearly labeled on the top of the tube with permanent marker as it is written on the order form. Please limit sample names to six characters. Hand delivery of samples on dry ice can be made between 8:00 am – 4:30 pm Monday – Friday at the KUMC-MF located in the Microarray Facility, RM# 1015A KLSIC, University of Kansas Medical Center. Dry ice shipments of samples, including completed order form, may be shipped overnight to:

Attention: Clark Bloomer
Microarray Facility
RM# 1015A KLSIC
University Receiving Dock
2106 Olathe Blvd.
Kansas City, Kansas 66160-7421

For further information on the Microarray Facility please visit our web site
<http://www2.kumc.edu/siddrc/microarray/>

Please feel free to call if you have any questions or require directions to the facility.
Phone: (913) 588-7127
Fax: (913) 588-7131