

## FY24 Molecular Resource Center of Excellence (MRC) Services and Fees

*Prices will increase by 3% per fiscal year.*

The pricing structure listed below is effective as of July 1, 2023. For all custom projects, please consult the MRC Core Director for a quote.

### Next-generation sequencing (NGS), standard rates:

#### NGS library preparation:

Library prep, DNA-seq:	\$63.86/sample
Library prep, RNA-seq:	\$84.86/sample

#### Library preparation, volume discount

96+ samples, if submitted in bulk:	5% discount/order
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*\*Discounts for bulk NGS library preparation will be applied only if all samples are submitted, processed and are ready to invoice before the close of the fiscal year.*

#### NGS runs (run only, does not include library preparation):

Illumina NextSeq 2000 instrument:	
P1 300 cycle chip (100M reads)	\$1,400
P2 200 cycle chip (400M reads)	\$2,900
P3 200 cycle chip (1.2 billion reads)	\$5,000

*Other sizes are available for P2 and P3 chips, inquire for pricing.*

### Next-generation library prep and sequencing runs (NGS), discounted rates (NEW!):

Discounted NGS pricing for projects completed in-house on the NextSeq2000 (Illumina) platform will be offered **by consultation only through at least December of 2023**. Please request an appointment with the MRC Director to discuss.

*Please contact the MRC directly—the core will then negotiate special pricing directly with Illumina. The discount is expected to be greater than bulk library preparation volume discount. **Discounts of up to 30% off “standard” MRC rates have been recently negotiated.***

### Affymetrix microarrays\*\*\*:

Gene ST 2.0:	\$361.97
Clariom S array:	\$220.97
Clariom S array w/ pico amplification:	\$229.97
Clariom D array:	\$348.97
Clariom D array w/ pico amplification:	\$357.97
miRNA 4.0:	\$404.97
Processing fee, user provides array(s):	\$103.97/ sample

\*\*\*For bulk orders, >100 samples, please contact the core for a price quote

**NOTE: Affymetrix microarray samples must be processed by February 2024, when the service agreement ends. No microarray samples will be accepted after January 12, 2024.**

### Agilent Bioanalyzer:

High Sensitivity DNA:	\$76.00
RNA Nano:	\$45.00
RNA Pico:	\$50.00
Small RNA:	\$61.50
DNA 1000:	\$43.04

**qPCR services, Roche LC480 platform:**

qPCR run fee****:	\$11.95/plate
**** requested, but unused time will also be billed	
UPL probe:	\$8.24/aliquot
<i>UPL probes are discontinued and are not vendor-supported as of December 31, 2020. We have limited stock while supplies last.</i>	
Reagents and disposables for qPCR:	Cost of reagents, plus 10% markup

**QiaCube automated nucleic acid preparation:**

RNA prep with onboard DNase treatment:	\$12.00 /sample
DNA prep:	\$8.00 /sample
QiaCube beads	\$1.00/aliquot

**Fluidigm Biomark-**

please inquire; user must provide all reagents/disposables

**Qubit fluorometric quantitation:**

\$1.00/sample

**Covaris ultrasonicator:**

\$5.30/tube

**Services provided by external vendors (SAMPLES MUST BE DROPPED OFF BY 2PM CST):**

**Transnetyx, genotyping:** *Please inquire; a dropbox kiosk available at MRC  
Prices begin at \$10.00/sample, depending on assay complexity*

**Azenta (GeneWiz), Sanger sequencing:** *Please inquire; a dropbox kiosk available at MRC  
Prices billed per the current Azenta contract with the MRC*

**Services available at no recharge:**

Eppendorf liquid handling robot (no charge for equipment use; costs of disposables only), fluorescent microscope (using DAPI, red or green fluorophores), Nanodrop, Spectra Max M2e 96-well plate reader.

**External users, surcharge rate:**

“Friends of UTHSC” *:	10%
*Customers who are active collaborators with, or who have recently published with UTHSC faculty. The “Friends” rate is offered at the discretion of the MRC Executive Director.	
External, academic:	20%
External, Non-academic **:	50%
** Unless otherwise pre-negotiated with the Office of Research	