MRC 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

*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 then 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

*UPL probes are discontinued and are not vendor-supported as of December 31, 2020. We have limited stock while supplies last.

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