



FY18 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, 2017. For all custom projects, please consult the MRC Core Director for a quote.

Next-generation sequencing (NGS):

NGS library preparation:

Library prep, DNA-seq:	\$114/sample
Library prep, RNA-seq:	\$155/sample

Library preparation, volume discount*:

24-30 samples, if submitted in bulk:	10% discount/order
31-47 samples, if submitted in bulk:	15% discount/order
48-95 samples, if submitted in bulk:	25% discount/order
96+ samples, if submitted in bulk:	40% discount/order

Library preparation, volume discount applied at defined threshold*:

48-95 samples:	25% discount applies on future orders once 48 samples are processed
96+ samples:	40% discount applies on future orders once 96 samples are processed

*Discounts for 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:

Proton P1 chip platform:	\$680/chip (~80M reads); or \$8.25/million reads
Torrent PGM:	<i>Please request quote</i>
NEW! Illumina NextSeq 500**:	\$680/~80M reads; or \$8.25/million reads

**Based on 150 bp cycle reagents and the high output flow cell. Costs for other Illumina formats will vary.

Affymetrix microarrays***:

Gene ST 2.0:	\$370.80
Gene ST 2.0, plus Nugen amplification:	\$464.00
MTA 2.0 or HTA 2.0:	\$464.00
Clariom S array:	\$242.00
Clariom D array:	\$394.00
miRNA 4.0:	\$412.00
Processing fee, if user brings chip(s):	\$95/sample

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

Agilent Bioanalyzer:

High Sensitivity DNA:	\$51.50
RNA Nano:	\$36.05
RNA Pico:	\$41.20
Small RNA:	\$51.50
DNA 1000:	\$36.05

qPCR services, Roche LC480 platform:

qPCR run fee****:	\$10.30/plate
**** requested, but unused time will also be billed	
UPL probe:	\$8.24/aliquot
Reagents and disposables for qPCR:	Cost of reagent, plus 10% markup

Sanger sequencing (ABI 3130 platform):

Standard reaction:	\$4.12/sample
Difficult samples:	\$12.36/sample

QiaCube automated nucleic acid preparation:

RNA prep:	\$10.30/sample; add \$2.06/sample for DNase treatment
DNA prep:	\$7.21 /sample

Fluidigm Biomark (not including pre-amplification steps or reagents for qPCR):

Gene Expression, 48 samples (chip):	\$299
Gene expression, 96 samples (chip):	\$937
Genotyping, 48 samples (chip):	\$299
Genotyping, 96 samples (chip):	\$608

Digital PCR or other assay formats, please request a quote.

Illumina iScan arrays (genotyping, ethnicity and methylation arrays):

Omni 5 quad genotyping chip:	\$371
Multi-Ethnic Global-8 ethnicity array:	\$185
Epic Methylation chip:	\$448

Qubit fluorometric quantitation: \$2.06/sample

Covaris ultrasonicator: \$5.15/tube

Services provided by external vendors:

Transnetyx, genotyping:	<i>Please inquire; dropbox kiosk available at MRC</i>
GeneWiz, Sanger sequencing:	\$4.00/sample, standard, \$10.00/sample, difficult; dropbox available at 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, and access to the Partek Genomics Suite.

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	