



FY19 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, 2018. For all custom projects, please consult the MRC Core Director for a quote.

Next-generation sequencing (NGS):

NGS library preparation:

Library prep, DNA-seq:	\$117.42/sample
Library prep, RNA-seq:	\$140.90/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 (run only, does not include library preparation):

Proton P1 chip platform:	\$700.40/chip (~80M reads)
Torrent PGM:	<i>Please request quote</i>
Illumina NextSeq 500 instrument:	
Mid output chip (1 x 150nt or 2 x 75nt):	\$1,676.22
High output NextGen chip (1 x 150nt or 2 x 75nt):	\$3,502.00
User supplies reagents and chips (labor):	\$587.10/run

Affymetrix microarrays*:**

Gene ST 2.0:	\$363.00
Clariom S array:	\$238.00
Clariom S array w/ pico amplification:	\$248.00
Clariom D array:	\$388.00
Clariom D array w/ pico amplification:	\$398.00
miRNA 4.0:	\$399.00
Processing fee, user provides array(s):	\$98.00/sample

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

Agilent Bioanalyzer:

High Sensitivity DNA:	\$56.14
RNA Nano:	\$37.13
RNA Pico:	\$42.44
Small RNA:	\$53.05
DNA 1000:	\$37.13

qPCR services, Roche LC480 platform:

qPCR run fee****:	\$10.61/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:	\$4.24/sample
Difficult samples:	\$12.73/sample

QiaCube automated nucleic acid preparation:

RNA prep:	\$10.30/sample; add \$2.43/sample for DNase treatment
DNA prep:	\$7.43 /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:	\$382.13 (cost per sample)
Multi-Ethnic Global-8 ethnicity array:	\$190.55 (cost per sample)
Epic Methylation chip:	\$461.44 (cost per sample)
User provided arrays and reagents*:	\$22.66 (cost per sample)

*Fee for access instrument

Qubit fluorometric quantitation: \$1.00/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; <i>dropbox available at MRC</i>

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