The pricing structure listed below is effective as of July 1, 2016. For all custom projects, please consult the MRC Core Director for a quote.

Next-generation sequencing (NGS):

**NGS library preparation:**
- Library prep, DNA-seq: $110/sample
- Library prep, RNA-seq: $150/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: $660/chip (~80M reads); or $8.25/million reads
- Torrent PGM: Please request quote
- **NEW!** Illumina NextSeq 500**: $660/80M 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***:
- **NEW!** Clariom S: $235
- **NEW!** Clariom D: $385
- **NEW!** Clariom D, Affy pico amplification: $395
- Gene ST 2.0: $360
- HTA 2.0: $450
- Human Transcriptome Affy pico assay 2.0: $395
- miRNA: $400
- Processing fee, if user brings chip(s): $92/sample
- **For bulk orders, >100 samples, please contact the core for a price quote

**Agilent Bioanalyzer:**
- High Sensitivity DNA: $50
- RNA Nano: $35
- RNA Pico: $40
- Small RNA: $50
- DNA 1000: $35
qPCR services, Roche LC480 platform:
- qPCR run fee**: $10/plate
  *** requested, but unused time will also be billed
- UPL probe: $8/aliquot
- Reagents and disposables for qPCR: Cost of reagent, plus 10% markup

Sanger sequencing (ABI 3130 platform):
- Standard reaction: $4/sample
- Difficult samples: $12/sample

QiaCube automated nucleic acid preparation:
- RNA prep: $10/sample; add $2/sample for DNAse treatment
- DNA prep: $7/sample

Fluidigm Biomark (not including pre-amplification steps or reagents for qPCR):
- Gene Expression, 48 samples (chip): $290
- Gene expression, 96 samples (chip): $910
- Genotyping, 48 samples (chip): $290
- Genotyping, 96 samples (chip): $590

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

Illumina iScan arrays (genotyping, ethnicity and methylation arrays):
- Omni 5 quad genotyping chip: $360
- Multi-Ethnic Global-8 ethnicity array: $180
- Epic Methylation chip: $435

Qubit fluorometric quantitation: $2/sample

Covaris ultrasonicator: $5/tube

Services provided by external vendors:

- Transnetyx, genotyping: Please inquire; dropbox kiosk available at MRC
- GeneWiz, Sanger sequencing: Please inquire; 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