

MOLECULAR RESOURCE CENTER OF EXCELLENCE

SERVICES AND FEES

The prices below are effective July 1, 2024.
Machines not listed are free to use.
For custom project quotes or machine inquiries,
contact Dr. Daniel Johnson or Zoe Brookover.

☎ 901 448 6191
✉ djohn166@uthsc.edu
✉ zbrookov@uthsc.edu

IN-HOUSE NEXT GENERATION SEQUENCING SERVICES

Library Preparations

| | |
|--------------------|-----------|
| DNA Samples | \$40 each |
| RNA Samples | \$50 each |
| 3' RNA-Seq Samples | \$50 each |

Instruments

Illumina NextSeq 2000

| | | | |
|----|-------------|------------|--------|
| P1 | 2x50 Cycles | 100M Reads | \$864 |
| P2 | 2x50 Cycles | 400M Reads | \$1200 |
| P3 | 2x50 Cycles | 1.2B Reads | \$1800 |
| P4 | 2x50 Cycles | 1.4B Reads | \$2600 |

Element AVITI

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|------|--------------|------------|--------|
| LOW | 2x150 Cycles | 250M Reads | \$1000 |
| MID | 2x75 Cycles | 500M Reads | \$1000 |
| HIGH | 2x75 Cycles | 1B Reads | \$1300 |

Other size chips are available for both instruments upon request.

Project Recommendations

RNA-Seq requires 20M reads; 3' RNA-Seq requires 10M reads; ChIP-Seq requires 10M reads; ATAC-Seq requires 80M reads

AGILENT BIOANALYZER SERVICES

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|---------------------------|---------------|
| High Sensitivity DNA Chip | \$76 per chip |
| Nano RNA Chip | \$45 per chip |
| Pico RNA Chip | \$50 per chip |

MRC MACHINES AND REAGENTS

qPCR

| | |
|-----------------------|------------------|
| Roche LC480 Usage | \$12 per run |
| 96 Well Plate | \$5 each |
| 384 Well Plate | \$6 each |
| SyBr Green Master Mix | \$49.50 per vial |
| Kappa Master Mix | \$44.00 per vial |

QIAcube

| | |
|---|-----------------|
| RNA Prep with DNase Treatment | \$14 per sample |
| RNA Prep <i>without</i> DNase Treatment | \$8 per sample |
| DNA Prep | \$8 per sample |

Qubit Quantification

\$1 per sample

Covaris Ultrasonicator

\$10 per tube

EXTERNAL VENDOR SERVICES

Azenta Sanger Sequencing
Transnetyx Sequencing

dropbox available in MRC
kiosk available in MRC

EXTERNAL USERS SURCHARGE RATES

| | |
|--------------|-----|
| Academic | 20% |
| Non-academic | 50% |