

**FY 2024 Price Schedule**

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| **Illumina Next Generation Sequencing-sample preparation services- per sample** | **MDA Member** | **GCC Member** | **External** |
| ChIP-Seq (low input) Library Preparation | $106 | $112 | $181 |
| microRNA-Seq\* (library prep. Included) | $228 | $240 | $389 |
| Low input mRNA-Seq | $262 | $276 | $446 |
| Twist RNA Exome | $2,529 | $2,661 | $4,309 |
| Twist T200.1 | $1,780 | $1,873 | $3,033 |
| Stranded mRNA-Seq\* (library prep. Included) | $191 | $201 | $325 |
| Low input Total RNA-Seq | $182 | $191 | $310 |
| Strand Specific Total RNA-Seq-Illumina | $210 | $221 | $358 |
| Agilent library and capture -Post Capture Pooling | $632 | $665 | $1,077 |
| Indexed Library Preparation | $106 | $112 | $181 |
| TwinStrand AML Panel (48 sample submission-price per sample) | $724 | $762 | $1,234 |
| Twist Exome (per 8 sample capture) | $1,830 | $1,925 | $3,118 |
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| **Illumina Next Generation Sequencing: NovaSeq6000** | **MDA Member** | **GCC Member** | **External** |
| SP-500 | $6,606 | $6,950 | $11,257 |
| SP-500 Xp (lane splitting-per lane) | $3,505 | $3,687 | $5,973 |
| SP-300 | $5,178 | $5,447 | $8,823 |
| SP-300 Xp (lane splitting-per lane) | $2,800 | $2,946 | $4,771 |
| SP-200 | $4,634 | $4,875 | $7,896 |
| SP-200 Xp (lane splitting-per lane) | $2,517 | $2,648 | $4,289 |
| SP-100 | $3,355 | $3,529 | $5,717 |
| SP-100 Xp (lane splitting-per lane) | $1,888 | $1,986 | $3,217 |
| S1-300 | $8,208 | $8,635 | $13,986 |
| S1-300 Xp (lane splitting-per lane) | $4,314 | $4,538 | $7,351 |
| S1-200 | $7,566 | $7,959 | $12,892 |
| S1-200 Xp (lane splitting-per lane) | $3,993 | $4,201 | $6,804 |
| S1-100 | $5,965 | $6,275 | $10,164 |
| S1-100 Xp (lane splitting-per lane) | $3,193 | $3,359 | $5,441 |
| S2-300 | $14,038 | $14,768 | $23,921 |
| S2-300 Xp (lane splitting-per lane) | $7,227 | $7,603 | $12,315 |
| S2-200 | $12,850 | $13,518 | $21,896 |
| S2-200 Xp (lane splitting-per lane) | $6,698 | $7,046 | $11,413 |
| S2-100 | $10,422 | $10,964 | $17,759 |
| S2-100 Xp (lane splitting-per lane) | $5,421 | $5,703 | $9,237 |
| S4-300 | $20,360 | $21,419 | $34,693 |
| S4-300 Xp (lane splitting-per lane) | $5,167 | $5,436 | $8,805 |
| S4-200 | $17,554 | $18,467 | $29,912 |
| S4-200 Xp (lane splitting-per lane) | $4,465 | $4,697 | $7,608 |
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| **NextSeq500 Sequencing- per run** | **MDA Member** | **GCC Member** | **External** |
| **High Output** |  | $0 | $0 |
| 75SR | $2,025 | $2,130 | $3,451 |
| 75PE | $3,647 | $3,837 | $6,214 |
| 150PE | $5,655 | $5,949 | $9,636 |
| **Mid-Output** |  | $0 | $0 |
| 75PE | $1,587 | $1,670 | $2,704 |
| 150PE | $2,325 | $2,446 | $3,962 |
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| **Illumina Next Generation Sequencing- MiSeq** | **MDA Member** | **GCC Member** | **External** |
| MiSeq600 V3 | $2,025 | $2,130 | $3,451 |
| MiSeq300 V2 | $1,455 | $1,531 | $2,479 |
| MiSeq150Nano | $574 | $604 | $978 |
| MiSeqv3-150 | $1,293 | $1,360 | $2,203 |
| MiSeqv2-50 | $1,187 | $1,249 | $2,023 |
| MiSeq500 V2 | $1,609 | $1,693 | $2,742 |
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| **Illumina Next Generation Sequencing- iSeq** | **MDA Member** | **GCC Member** | **External** |
| iSeq300 | $812 | $854 | $1,384 |
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| **Sample QA/QC Services** | **MDA Member** | **GCC Member** | **External** |
| RNA Sample QA/QC- RNA 6000 Nano kit (1-11 samples) | $90 | $95 | $153 |
| RNA Sample QA/QC- RNA 6000 Pico kit (1-10 samples) | $93 | $98 | $158 |
| DNA Sample QA/QC- HS DNA chip (1-10 samples) | $121 | $127 | $206 |
| Fragment Analyzer (1-10 samples) | $68 | $72 | $116 |
| Qubit (1-10 samples) | $55 | $58 | $94 |
| TapeStation QC-RNA | $8 | $8 | $14 |
| TapeStation QC-DNA | $9 | $9 | $15 |
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| **Sanger Sequencing - per reaction** | **MDA Member** | **GCC Member** | **External** |
| Sanger sequencing-single reaction | $5 | $5 | $9 |
| Sanger sequencing-96 well plate | $4 | $4 | $7 |
|  |  | $0 | $0 |
| **Sanger Based Gene Resequencing** | **MDA Member** | **GCC Member** | **External** |
| Mutation Detection (per amplicon (2 sequences) | $25 | $26 | $43 |
| NGS Amplicon | $32 | $34 | $55 |
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| **Fluorescent Fragment Analysis** | **MDA Member** | **GCC Member** | **External** |
| Sample Injection (1-48 samples) | $115 | $121 | $196 |
| Sample Injection (49-96 samples) | $230 | $242 | $392 |
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| **Description ddPCR** | **MDA Member** | **GCC Member** | **External** |
| First 8 samples on a 96 well Plate | $99 | $104 | $169 |
| Each additional 8 samples on the plate | $57 | $60 | $97 |
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| **10X Genomics 3'mRNA Capture and Library V3** | **MDA Member** | **GCC Member** | **External** |
| 1st sample | $2,712 | $2,853 | $4,621 |
| Samples 2-8 (per sample) | $1,662 | $1,748 | $2,832 |
| **10X Genomics 5' Gene expression Capture cell** | **MDA Member** | **GCC Member** | **External** |
| 1st sample | $2,969 | $3,123 | $5,059 |
| Samples 2-8 (per sample) | $1,664 | $1,751 | $2,835 |
| **10X Genomics 5' Gene expression Capture plus T or B cell** | **MDA Member** | **GCC Member** | **External** |
| 1st sample | $3,927 | $4,131 | $6,692 |
| Samples 2-8 (per sample) | $1,921 | $2,021 | $3,273 |
| **10X Genomics 5' Gene expression Capture plus T and B cell** | **MDA Member** | **GCC Member** | **External** |
| 1st sample | $4,885 | $5,139 | $8,324 |
| Samples 2-8 (per sample) | $2,178 | $2,291 | $3,711 |
| **10X Genomics ATAC-Seq** | **MDA Member** | **GCC Member** | **External** |
| 1st sample | $2,867 | $3,016 | $4,885 |
| Samples 2-4(per sample) | $1,827 | $1,922 | $3,113 |
| **10X Genomics Multi-ome** | **MDA Member** | **GCC Member** | **External** |
| 1st sample | $5,132 | $5,399 | $8,745 |
| Samples 2-4 (per sample) | $3,486 | $3,667 | $5,940 |
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| **Mission Bio** | **MDA Member** | **GCC Member** | **External** |
| Targeted DNA V2 (Legacy projects only) | $2,647 | $2,785 | $4,510 |
| Targeted DNA and Protein V2 (Legacy projects only) | $2,812 | $2,958 | $4,792 |
| Targeted DNA V3 | $3,334 | $3,507 | $5,681 |
| Targeted DNA and Protein V3 | $3,500 | $3,682 | $5,964 |
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| **Nanostring Expression Assay Processing** | **MDA Member** | **GCC Member** | **External** |
| Per sample submitted in batches of 12 | $55 | $58 | $94 |
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| **Illumina Microarray Service\* per sample (includes array)** | **MDA Member** | **GCC Member** | **External** |
| **Illumina Infinium Genotyping \*(CytoSNP and Omni arrays)** | | $0 | $0 |
| HumanCytoSNP-850K | $483 | $508 | $823 |
| HumanOmni2.5-8 | $375 | $395 | $639 |
| HumanOmniExpress-Exome | $296 | $311 | $504 |
| **Illumina Infinium Genotyping-FFPE (OmniExpress and CytoSNP)-per sample** | | $0 | $0 |
| HumanCytoSNP 850K-ffpe | $586 | $616 | $999 |
| HumanOmniExpress-24\_FFPE | $399 | $420 | $680 |
| Infinium MethylationEPIC | $486 | $511 | $828 |
| Infinium MethylationEPIC-FFPE | $589 | $620 | $1,004 |
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| **Bionano** | **MDA Member** | **GCC Member** | **External** |
| Bionano | $1,957 | $2,059 | $3,335 |
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| **Nanopore** | **MDA Member** | **GCC Member** | **External** |
| Nanopore | $1,930 | $2,030 | $3,289 |
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| **NGS Data Analysis (Full Service Only) per sample** | **MDA Member** | **GCC Member** | **External** |
| Bulk mRNA and TOTAL RNA-Seq | $90 | $95 | $153 |
| Whole Exome (Tumor/Normal pair) | $120 | $126 | $204 |
| Bulk ChIP-Seq | $90 | $95 | $153 |
| scRNA-Seq | $400 | $421 | $682 |
| WGS (per T/N pair) | $180 | $189 | $307 |
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| **Visium Spatial Transcriptomics** | **MDA Member** | **GCC Member** | **External** |
| Visium CytAssist Spatial GE FFPE (2 sample 6.5mm slide) | $5,613 | $5,905 | $9,565 |
| Visium CytAssist Spatial GE FFPE (2 sample 11mm slide) | $8,982 | $9,449 | $15,305 |