

**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  |