

# Baylor College of Medicine Genomic & RNA Profiling Core Facility Services Price List

Effective September 2021

**PLEASE NOTE:**

All prices listed are for internal Baylor College of Medicine researchers with the following exceptions:

- Dan L. Duncan Comprehensive Cancer Center members (DLDCCC price list below Baylor price list) and Digestive Disease Center members receive additional subsidies.
- External institutions and commercial companies, please contact [GARPCore@bcm.edu](mailto:GARPCore@bcm.edu) to inquire about prices.

## Regular Baylor Pricing

Next-Generation Sequencing Services							
Service	Instrument	Flowcell	Sequencing*	Samples per lane	Reads per sample	Cost per sample	Total Cost (Library Prep & Sequencing)
Total RNA-Seq (< 48 samples per batch)	N/A	N/A	PE 100	N/A	40-50M	\$450	N/A
Total RNA-Seq (>= 48 samples per batch)	N/A	N/A	PE 100	N/A	40-50M	\$350	N/A
mRNA-Seq (< 48 samples per batch)	N/A	N/A	PE 100	N/A	20-30M	\$350	N/A
mRNA-Seq (>= 48 samples per batch)	N/A	N/A	PE 100	N/A	20-30M	\$250	N/A
3'RNA-seq	Nextseq	HO	SR 75	40	10M	\$205	\$8,193

micro RNA-Seq	NextSeq	Mid-Output	SR 150	13	10M	\$352	\$4,571
micro RNA-Seq	NextSeq	High-Output	SR 75	20	20M	\$339	\$6,784
ChIP-Seq	NextSeq	Mid-Output	SR 150	4	32M	\$484	\$1,936
ChIP-Seq	NextSeq	High-Output	SR 75	16	25M	\$265	\$4,242
Human/Mouse Exome	NovaSeq	S1	PE 100	16	45M (100X)	\$379	\$6,057
Human/Mouse Exome	NovaSeq	S4	PE 100	96	90M (200X)	\$334	\$32,024
Whole Genome Bisulfite Sequencing	NovaSeq	S4	PE 150	4	30X	\$1,449	\$5,797
10X Visium Tissue Optimization	N/A	N/A	N/A	1 slide/tissue type	N/A	N/A	\$909
10X Visium GX Library	NovaSeq	SP	PE 28-10-10-90	4	200M	\$1,943	\$7,772
10X Visium GX FFPE Library	NovaSeq	SP	PE 28-10-10-90	4	100M	\$2,133	\$8,531
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	25-50M	\$280	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	100M	\$540	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	150M	\$810	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	200M	\$900	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	300M	\$1,250	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	400M	\$1,800	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	500-600M	\$2,500	N/A
User-prepped libraries	NextSeq	Mid-Output	PE 75	1	130M	\$1,318	\$1,318
User-prepped libraries	NextSeq	High-Output	PE 75	1	400M	\$3,125	\$3,125
User-prepped libraries	NovaSeq	SP	PE 100	1	800M	\$3,812	\$3,812
User-prepped libraries	NovaSeq	S1	PE 100	1	1.5B	\$6,526	\$6,526
User-prepped libraries	NovaSeq	S2	PE 100	1	4B	\$14,628	\$14,628
User-prepped libraries	NovaSeq	S4	PE 100	1	10B	\$16,239	\$16,239

## Dan L. Duncan Comprehensive Cancer Center Member Pricing

Next-Generation Sequencing Services							
Service	Instrument	Flowcell	Sequencing*	Samples per lane	Reads per sample	Cost per sample	Total Cost (Library Prep & Sequencing)
Total RNA-Seq (< 48 samples per batch)	N/A	N/A	PE 100	N/A	40-50M	\$430	N/A
Total RNA-Seq (>= 48 samples per batch)	N/A	N/A	PE 100	N/A	40-50M	\$330	N/A
mRNA-Seq (< 48 samples per batch)	N/A	N/A	PE 100	N/A	20-30M	\$310	N/A
mRNA-Seq (>= 48 samples per batch)	N/A	N/A	PE 100	N/A	20-30M	\$230	N/A
3' RNA-seq	Nextseq	HO	SR 75	40	10M	\$172	\$6,897
micro RNA-Seq	NextSeq	Mid-Output	SR 150	13	10M	\$322	\$4,187
micro RNA-Seq	NextSeq	High-Output	SR 75	20	20M	\$311	\$6,219
ChIP-Seq	NextSeq	Mid-Output	SR 150	4	32M	\$446	\$1,785
ChIP-Seq	NextSeq	High-Output	SR 75	16	25M	\$236	\$3,781

**PLEASE NOTE:**

- Different multiplicities and sample numbers result in prices other than the ones listed. Please always contact the core to confirm pricing.
- Additional factors may necessitate deeper sequencing for any of the applications listed.
- To receive pricing information for additional applications including but not limited to whole-genome, bisulfite, amplicon and targeted sequencing, please contact [GARPCore@bcm.edu](mailto:GARPCore@bcm.edu).
- \* Sequencing chemistry can be selected as paired-end (PE) or single-read (SR).

Human/Mouse Exome	NovaSeq	S1	PE 100	16	45M (100X)	\$357	\$5,706
Human/Mouse Exome	NovaSeq	S4	PE 100	96	90M (200X)	\$313	\$30,015
Whole Genome Bisulfite Sequencing	NovaSeq	S4	PE 150	4	30X	\$1,403	\$5,613
10X Visium Tissue Optimization	N/A	N/A	N/A	1 slide/tissue type	N/A	N/A	\$868
10X Visium GX Library	NovaSeq	SP	PE 28-10-10-90	4	200M	\$1,893	\$7,571
10X Visium GX FFPE Library	NovaSeq	SP	PE 28-10-10-90	4	100M	\$2,095	\$8,380
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	25-50M	\$250	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	100M	\$490	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	150M	\$735	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	200M	\$850	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	300M	\$1,190	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	400M	\$1,700	N/A
10X Single Cell Prepared Libraries	NovaSeq	N/A	N/A	N/A	500-600M	\$2,380	N/A
User-prepped libraries	iSeq	Regular	PE 150	1	4M	\$672	\$672
User-prepped libraries	NextSeq	Mid-Output	PE 75	1	130M	\$1,269	\$1,269
User-prepped libraries	NextSeq	High-Output	PE 75	1	400M	\$3,077	\$3,077
User-prepped libraries	NovaSeq	SP	PE 100	1	800M	\$3,715	\$3,715
User-prepped libraries	NovaSeq	S1	PE 100	1	1.5B	\$6,429	\$6,429
User-prepped libraries	NovaSeq	S2	PE 100	1	4B	\$14,531	\$14,531
User-prepped libraries	NovaSeq	S4	PE 100	1	10B	\$16,045	\$16,045

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- *Additional factors may necessitate deeper sequencing for any of the applications listed.*
- *To receive pricing information for additional applications including but not limited to whole-genome, bisulfite, amplicon and targeted sequencing, please contact [GARPcore@bcm.edu](mailto:GARPcore@bcm.edu).*
- *\* Sequencing chemistry can be selected as paired-end (PE) or single-read (SR).*

Nanostring Processing		Cost per sample
Nanostring Regular (including GE, miRNA, CNV)	Regular	\$34
	DLDCCC*	\$24
Nanostring Low Input	Regular	\$40
	DLDCCC*	\$28

\*Prices do not include NanoString reagents and master kits. Gene expression reagents and master kits typically range from \$80-\$275 per sample. Custom codeset pricing is available upon request. Please contact [GARPcore@bcm.edu](mailto:GARPcore@bcm.edu) for a quote.

\* Dan L. Duncan Comprehensive Cancer Center Member Pricing

Sample Quality Control Services		Cost per sample
QC (Nanodrop, Qubit, Bioanalyzer)	Regular	\$22
Library Quant/QC (KAPA qPCR, Nanodrop, Qubit, Bioanalyzer)	Regular	\$63

DNA Shearing	
Instrument	Cost per hourly use
Covaris LE220	\$50