

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

Effective April 2020

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 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	NovaSeq	SP	PE 100	8	50M	\$507	\$4,054
Total RNA-Seq	NovaSeq	S1	PE 100	15	50M	\$480	\$7,193
3' RNA-seq	NextSeq	MO	SR150	30	4M	\$150	\$4,500
3'RNA-seq	Nextseq	HO	SR75	96	4M	\$125	\$12,000
mRNA-Seq (< 20 samples per batch)	N/A	N/A	PE 100	N/A	20-25M	\$350	N/A
mRNA-Seq (>= 20 samples per batch)	N/A	N/A	PE 100	N/A	20-25M	\$310	N/A

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(713) 798-7699

micro RNA-Seq	NextSeq	Mid-Output	SR 150	13	10M	\$311	\$4,042
micro RNA-Seq	NextSeq	High-Output	SR 75	20	20M	\$301	\$6,014
ChIP-Seq	NextSeq	Mid-Output	SR 150	4	32M	\$486	\$1,945
ChIP-Seq	NextSeq	High-Output	SR 75	16	25M	\$288	\$4,600
Human/Mouse Exome	NovaSeq	S1	PE 100	16	45M (100X)	\$675	\$11,288
Human/Mouse Exome	NovaSeq	S4	PE 100	96	90M (200X)	\$381	\$36,609
Human/Mouse WGS	NovaSeq	S4	PE150	5	500M (30X)	\$1,286	\$6,431
Whole Genome Bisulfite Sequencing	NovaSeq	S4	PE150	4	30X	\$1,529	\$6,116
User-prepped libraries	iSeq	Regular	PE 150	1	4M	\$765	\$765
User-prepped libraries	NextSeq	Mid-Output	PE 75	1	130M	\$1,204	\$1,204
User-prepped libraries	NextSeq	High-Output	PE 75	1	400M	\$2,941	\$2,941
User-prepped libraries	NovaSeq	SP	PE 100	1	800M	\$3,668	\$3,668
User-prepped libraries	NovaSeq	S1	PE 100	1	1.5B	\$6,380	\$6,380
User-prepped libraries	NovaSeq	S2	PE 100	1	4B	\$14,523	\$14,523
User-prepped libraries	NovaSeq	S4	PE 100	1	10B	\$17,651	\$17,651

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.
- * Sequencing chemistry can be selected as paired-end (PE) or single-read (SR).

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	NovaSeq	SP	PE 100	8	50M	\$462	\$3,697
Total RNA-Seq	NovaSeq	S1	PE 100	15	50M	\$437	\$6,549
3' RNA-seq	NextSeq	MO	SR150	30	4M	\$132	\$3,960
3' RNA-seq	Nextseq	HO	SR75	96	4M	\$110	\$10,560
mRNA-Seq (< 20 samples per batch)	N/A	N/A	PE 100	N/A	20-25M	\$310	N/A
mRNA-Seq (>= 20 samples per batch)	N/A	N/A	PE 100	N/A	20-25M	\$270	N/A
micro RNA-Seq	NextSeq	Mid-Output	SR 150	13	10M	\$292	\$3,793
micro RNA-Seq	NextSeq	High-Output	SR 75	20	20M	\$283	\$5,652
ChIP-Seq	NextSeq	Mid-Output	SR 150	4	32M	\$442	\$1,767
ChIP-Seq	NextSeq	High-Output	SR 75	16	25M	\$250	\$4,001
Human/Mouse Exome	NovaSeq	S1	PE 100	16	100X	\$649	\$10,377
Human/Mouse Exome	NovaSeq	S4	PE 100	96	200X	\$356	\$34,201
Human/Mouse WGS	NovaSeq	S4	PE150	5	30X	\$1,234	\$6,234
Whole Genome Bisulfte Sequencing	NovaSeq	S4	PE150	4	30X	\$1,500	\$6,000
User-prepped libraries	iSeq	Regular	PE150	1	4M	\$756	\$756
User-prepped libraries	NextSeq	Mid-Output	PE 75	1	130M	\$1,166	\$1,166

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User-prepped libraries	NextSeq	High-Output	PE 75	1	400M	\$2,904	\$2,904
User-prepped libraries	NovaSeq	SP	PE 100	1	800M	\$3,605	\$3,605
User-prepped libraries	NovaSeq	S1	PE 100	1	1.5B	\$6,317	\$6,317
User-prepped libraries	NovaSeq	S2	PE 100	1	4B	\$14,460	\$14,460
User-prepped libraries	NovaSeq	S4	PE 100	1	10B	\$17,575	\$17,575

PLEASE NOTE:

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- * 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 for a quote.

* Dan L. Duncan Comprehensive Cancer Center Member Pricing

Sample Quality Control Services		Cost per sample
QC (Nanodrop, Qubit, Bioanalyzer)	Regular	\$20
Library Quant/QC (KAPA qPCR, Nanodrop, Qubit, Bioanalyzer)	Regular	\$60

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