

NUSeq FY24 Approved Rate

Cat No	Service	Unit	NU/CBC	External	Industrial
Illumina NovaSeq X Plus Sequencing					
NOVAX-1	NovaSeq X Plus, 10B Flowcell, PE50 Sequencing	lane (900-1,000 M read pairs)	\$1,250	\$1,500	\$1,875
NOVAX-2	NovaSeq X Plus, 10B Flowcell, PE150 Sequencing	lane (900-1,000 M read pairs)	\$1,550	\$1,860	\$2,325
NOVAX-4	NovaSeq X Plus, 1.5B Flowcell, PE50 Sequencing	lane (600-700 M read pairs)	\$1,350	\$1,620	\$2,025
NOVAX-5	NovaSeq X Plus, 1.5B Flowcell, P1E50 Sequencing	lane (600-700 M read pairs)	\$1,800	\$2,160	\$2,700
NOVAX-6	NovaSeq X Plus, 25B Flowcell, PE150 Sequencing	lane (2,000-2,500 M read pairs)	\$2,800	\$3,360	\$4,200
Illumina NovaSeq 6000 Sequencing					
NOVA-8	NovaSeq 6000, SP Flowcell, PE50 Sequencing	lane (325-400 M read pairs)	\$1,800	\$2,160	\$2,700
NOVA-4	NovaSeq SP PE150 Sequencing	lane (325-400 M read pairs)	\$2,400	\$3,000	\$3,600
NOVA-5	NovaSeq SP PE250 Sequencing	lane (325-400 M read pairs)	\$2,800	\$3,360	\$4,200
NOVA-3	NovaSeq S1 PE50 Sequencing	lane (650-800 M read pairs)	\$3,200	\$3,840	\$4,800
NOVA-7	NovaSeq S1 PE150 Sequencing	lane (650-800 M read pairs)	\$3,700	\$4,440	\$5,550
NOVA-9	NovaSeq S2 PE50 Sequencing	lane (1,650-2,050 M read pairs)	\$4,770	\$5,724	\$7,155
NOVA-2	NovaSeq S2 PE150 Sequencing	lane (1,650-2,050 M read pairs)	\$6,300	\$7,560	\$9,450
NOVA-10	NovaSeq S4 SE50 Sequencing	lane (2,000-2,500 M read pairs)	\$3,800	\$4,560	\$5,700
NOVA-1	NovaSeq S4 PE150 Sequencing	lane (2,000-2,500 M read pairs)	\$4,600	\$5,520	\$6,900
Illumina HiSeq 4000 Sequencing					
NGH-1	HiSeq 4000, SE50 Sequencing	lane (300-400 M reads)	\$900	\$1,125	\$1,350
Illumina NextSeq 500 Sequencing					
NGN-1	NextSeq HO SE75 Sequencing	flowcell (400 M reads, up to)	\$1,960	\$2,450	\$2,940
NGN-2	NextSeq MO SE150/PE75 Sequencing	flowcell (130 M reads/pairs, up to)	\$1,560	\$1,950	\$2,340
NGN-3	NextSeq HO SE150/PE75 Sequencing	flowcell (400 M reads/pairs, up to)	\$3,400	\$4,250	\$5,100
NGN-8	Illumina NextSeq Sequencer Use by Contracting Lab	run	\$300	\$480	\$600
Illumina MiSeq Sequencing					
NGM-2	MiSeq 600 Cycle V3 Sequencing	flowcell (22-25 M read pairs)	\$2,020	\$2,525	\$3,030
NGM-5	MiSeq 500 Cycle V2 Sequencing	flowcell (12-15 M read pairs)	\$1,620	\$2,025	\$2,430
NGM-6	MiSeq Micro 300 Cycle V2 Sequencing	flowcell (4 M reads/pairs)	\$710	\$887.50	\$1,065
NGM-10	MiSeq Nano 500 Cycle V2 Sequencing	flowcell (4 M reads/pairs)	\$710	\$887.50	\$1,065
NGM-8	MiSeq Nano 300 Cycle V2 Sequencing	flowcell (1 M reads/pairs)	\$410	\$512.50	\$615
NGM-9	Illumina MiSeq Sequencer Use by Contracting Lab	Run (flow cell specific output)	\$260	\$416	\$520
Complete Genomics DNBSEQ-G400 Sequencing					
DNB-01	DNBSEQ-G400 FCL, SE50 Sequencing	100 M reads	\$300	\$375	\$450
DNB-02	DNBSEQ-G400 FCS/FCL Flowcell, SE100 Sequencing	100 M reads	\$450	\$540	\$675
DNB-03	DNBSEQ-G400 FCS/FCL, PE150 Sequencing	100 M reads	\$600	\$750	\$900
DNB-04	DNBSEQ-G400 FCS, PE300 Sequencing	lane (150 M reads/pairs)	\$3,500	\$4,200	\$5,250
DNB-05	DNBSEQ-G400 FCL Flowcell, SE400/PE200 Sequencing	lane (400 M reads/pairs)	\$2,800	\$3,360	\$4,200
DNB-06	Library Conversion for DNBSEQ-G400	sample	\$25	\$30	\$37.50
Element Aviti Sequencing					
AVI-01	Aviti PE75 Sequencing	lane (400-500 million read pairs)	\$1,200	\$1,500	\$1,800
AVI-02	Aviti PE150 Sequencing	lane (400-500 million read pairs)	\$1,500	\$1,875	\$2,250
General Short Read Sequencing (by number of reads needed, sequencer used may vary)					
NGP-25	General SE50 Sequencing	100 M reads	\$300	\$375	\$450
NGP-29	General PE150 Sequencing	100 M reads	\$600	\$750	\$900
NGP-26	10x Single Cell RNA-Seq Sequencing	300 M reads	\$675	\$810	\$1,192.50
NGP-23	Bundled mRNA-seq/ChIP-seq - Sequencing Component	sample	\$164	\$205	\$246
Nanopore Long Read Sequencing					
ONT-1	Nanopore Long-Read Sequencing Library Prep	sample	\$350	\$437.50	\$525
ONT-2	Nanopore MinION Sequencing	flowcell (up to 50 Gb data)	\$950	\$1,187.50	\$1,425
ONT-3	Nanopore PromethION Sequencing	flowcell (up to 290 Gb data)	\$1,750	\$2,187.50	\$2,625
Illumina Complete Long Read Sequencing					
NGS-45	Illumina Complete Long Read Library Prep	sample	\$320	\$400	\$480
NGS Library Prep					
NGS-2	Illumina mRNA-Seq Library Prep	sample	\$200	\$240	\$300
NGS-3	Illumina Total RNA-Seq Library Prep	sample	\$275	\$330	\$413
NGS-4	Low-Input RNA-Seq Library Prep	sample	\$330	\$396	\$495
NGS-5	Ultra-Low-Input RNA-Seq Library Prep	sample	\$420	\$525	\$630
NGS-21	rRNA Depletion	sample	\$58	\$72.50	\$87

NGS-9	Small RNA-Seq Library Prep	sample	\$230	\$276	\$345
NGS-25	DNA-Seq Library Prep (WGS, ChIP-Seq, TELL-Seq)	sample	\$200	\$240	\$300
NGS-22	DNA/RNA-Seq Library Prep, HT, 24-95 Samples	sample	\$165	\$206.25	\$247.50
NGS-23	DNA/RNA-Seq Library Prep, HT, >=96 Samples	sample	\$140	\$175	\$210
NGS-15	Whole Exome/Gene Panel Sequencing Library Prep	sample	\$250	\$300	\$375
NGS-10	DNA Methyl-Seq Library Prep	sample	\$225	\$270	\$337.50
NGS-16	ATAC-Seq Library Prep	sample	\$320	\$400	\$480
NGS-19	16S/ITS and Amplicon Sequencing Library Prep	sample	\$75	\$90	\$113
NGS-37	Cancer Gene Panel NGS Library Prep	sample	\$575	\$718.75	\$862.50
NGS-38	VeriSeq Aneuploidy Testing	sample	\$375	\$450	\$562.50
Single Cell Sequencing Library Prep					
NGS-28	10X Single Cell RNA-Seq Library Prep	sample	\$2,250	\$2,700	\$3,375
NGS-33	10X Single Cell Multiome Sequencing Library Prep	sample	\$3,750	\$4,500	\$5,625
NGS-34	10X Single Cell RNA-Seq - Multiplexing Add-On	sample	\$180	\$216	\$270
NGS-35	10X Single Cell RNA-Seq - VDJ Immune Profiling Add-On to 5'	sample	\$450	\$540	\$675
NGS-42	Parse Single Cell RNA-Seq Library Prep, Standard (100K Cells)	sample	\$11,000	\$13,750	\$16,500
NGS-43	Parse Single Cell RNA-Seq Library Prep, Mega (1M Cells)	sample	\$17,000	\$21,250	\$25,500
NGS-31	Manual Single Cell DNA/RNA-Seq Condition Optimization	project	\$800	\$960	\$1,200
NGS-32	Manual Single Cell cDNA/gDNA Prep for Library Prep	sample	\$165	\$198	\$248
Spatial Transcriptomics					
NGS-39	Visium Tissue Optimization on Test Slide	slide	\$750	\$937.50	\$1,125
NGS-40	Visium Processing to cDNA Synthesis on Sample Slide	slide	\$800	\$1,000	\$1,200
NGS-41	Visium Spatial Gene Expression Library Prep from cDNA	slide	\$400	\$500	\$600
NGS-44	Visium - CytAssist Sample Transfer	slide	\$200	\$250	\$300
SPT-01	Xenium Slide Processing and Analyzer Run	2 slides	\$4,900	\$5,880	\$7,350
SPT-02	Xenium Analyzer Run, Additional Day	day	\$1,000	\$1,200	\$1,500
Sample Prep and QC					
NGP-19	DNA Fragmentation	sample	\$15	\$18	\$23
NGP-20	DNA Size Selection and Bioanalyzer Confirmation	sample	\$28	\$34	\$42
NGP-21	Pre-Made Sequencing Library QC	sample	\$18	\$22	\$27
NGP-22	Sequencing Library qPCR Quantification	sample	\$20	\$24	\$30
DRQ-1	Bioanalyzer DNA HS Assay	chip	\$74	\$92.50	\$111
DRQ-2	Bioanalyzer DNA 1K, RNA Nano/Pico Assay	chip	\$50	\$62.50	\$75
DRQ-3	TapeStation DNA 1000/5000 and RNA ScreenTape Analysis	sample	\$8	\$9.50	\$12
DRQ-4	Qubit DNA/RNA Measurement	sample	\$4.75	\$5.70	\$7.13
DRQ-5	Nanodrop DNA/RNA Measurement	sample	\$2.50	\$3.25	\$3.75
DRQ-6	DNA/RNA Sample Dilution	sample	\$2	\$2.50	\$3
DRQ-7	TapeStation gDNA and High Sensitivity DNA/RNA Analysis	sample	\$10	\$12	\$15
DNA Extraction					
DEX-1	DNA Extraction (Research Use)	sample	\$32	\$40	\$48
DEX-2	DNA Extraction (Clinical Use)	sample	\$35	\$43.75	\$52.50
DEX-3	RNA Extraction with Bioanalyzer QC	sample	\$38	\$47.50	\$57
Cell Line Authentication					
CLA-1	Cell Line Authentication	sample	\$85	\$106.25	\$127.50
CLA-2	CLA Setup for <5 Samples	setup	\$20	\$25	\$30
Array Processing					
CHP-1	Affymetrix GeneChip Processing (Array Included)	sample	\$420	\$504	\$630
CHP-2	Illumina BeadChip Processing (<1000 Samples)	sample	\$45	\$56.25	\$67.50
CHP-3	Illumina BeadChip Processing (>=1000 Samples)	sample	\$39	\$48.75	\$58.50
CHP-4	Illumina Microarray System Use by Contracting Lab	run	\$420	\$672	\$840
NanoString					
NST-1	Nanostring SPRINT Run	cartridge	\$480	\$600	\$720
NST-2	NanoString Sample Hybridization	cartridge	\$150	\$187.50	\$225
Bioinformatics and Staff Time					
BDA-1	Bioinformatics and Data Mining	half hour	\$60	\$90	\$120
OTH-1	Staff Time/Effort	hour	\$70	\$87.50	\$105
Equipment Use					
QS7-1	QuantStudio 7 Instrument Use	plate	\$58	\$72.50	\$87
PCR-2	Digital Droplet PCR Instrument Use	set of 8 samples	\$48	\$60	\$72