

## NUSeq FY25 Approved Rate

Cat No	Service	Unit	NU/CBC	External	Industrial
<b>Illumina NovaSeq X Plus Sequencing</b>					
NOVAX-1	NovaSeq X Plus, 10B Flowcell, PE50 Sequencing	lane (900-1,000 M read pairs)	\$1,250	\$1,500	\$1,537
NOVAX-2	NovaSeq X Plus, 10B Flowcell, PE150 Sequencing	lane (900-1,000 M read pairs)	\$1,550	\$1,860	\$1,927
NOVAX-4	NovaSeq X Plus, 1.5B Flowcell, PE50 Sequencing	lane (600-700 M read pairs)	\$1,350	\$1,620	\$1,702
NOVAX-5	NovaSeq X Plus, 1.5B Flowcell, PE150 Sequencing	lane (600-700 M read pairs)	\$1,800	\$2,160	\$2,230
NOVAX-6	NovaSeq X Plus, 25B Flowcell, PE150 Sequencing	lane (2,000-2,500 M read pairs)	\$2,800	\$3,360	\$3,468
<b>Illumina NextSeq 500 Sequencing</b>					
NGN-1	NextSeq HO SE75 Sequencing	flowcell (400 M reads, up to)	\$1,960	\$2,450	\$2,462
NGN-2	NextSeq MO SE150/PE75 Sequencing	flowcell (130 M reads/pairs, up to)	\$1,560	\$1,950	\$1,990
NGN-3	NextSeq HO SE150/PE75 Sequencing	flowcell (400 M reads/pairs, up to)	\$3,400	\$4,250	\$4,260
<b>Illumina MiSeq Sequencing</b>					
NGM-2	MiSeq 600 Cycle V3 Sequencing	flowcell (22-25 M read pairs)	\$2,020	\$2,525	\$2,631
NGM-5	MiSeq 500 Cycle V2 Sequencing	flowcell (12-15 M read pairs)	\$1,620	\$2,025	\$2,109
NGM-6	MiSeq Micro 300 Cycle V2 Sequencing	flowcell (4 M reads/pairs)	\$710	\$887.50	\$939
NGM-10	MiSeq Nano 500 Cycle V2 Sequencing	flowcell (4 M reads/pairs)	\$710	\$887.50	\$939
NGM-8	MiSeq Nano 300 Cycle V2 Sequencing	flowcell (1 M reads/pairs)	\$410	\$512.50	\$514
<b>Complete Genomics DNBSEQ-G400 Sequencing</b>					
DNB-01	DNBSEQ-G400 FCL, SE50 Sequencing	100 M reads	\$300	\$375	\$379
DNB-07	DNBSEQ-G400 FCL, SE100 Sequencing	lane (300-400 M reads)	\$675	\$810	\$831
DNB-08	DNBSEQ-G400 FCS, SE100 Sequencing	flowcell (450-550 M reads)	\$1,450	\$1,812.50	\$1,868
DNB-09	DNBSEQ-G400 FCS, PE100 Sequencing	flowcell (450-550 M read pairs)	\$1,950	\$2,437.50	\$2,530
DNB-10	DNBSEQ-G400 FCL, PE100 Sequencing	lane (300-400 M read pairs)	\$975	\$1,218.75	\$1,243
DNB-04	DNBSEQ-G400 FCS, PE300 Sequencing	flowcell (300 M reads pairs)	\$3,500	\$4,375	\$4,387
DNB-05	DNBSEQ-G400 FCL Flowcell, SE400/PE200 Sequencing	flowcell (1400-1500 M)	\$7,500	\$9,000	\$9,236
DNB-06	Library Conversion for DNBSEQ-G400	sample	\$25	\$30	\$32
<b>Element Aviti Sequencing</b>					
AVI-01	Aviti PE75 Sequencing, High-Output	lane (400-500 million read pairs)	\$1,000	\$1,200	\$1,221
AVI-03	Aviti PE75 Sequencing, Mid-Output	flowcell (400-500 million read)	\$1,200	\$1,440	\$1,502
AVI-02	Aviti PE150 Sequencing, High-Output	lane (400-500 million read pairs)	\$1,300	\$1,560	\$1,564
AVI-04	Aviti PE150 Sequencing, Mid-Output	flowcell (400-500 million read)	\$1,500	\$1,800	\$1,888
AVI-05	Aviti PE150 Sequencing, Low-Output	flowcell (200-250 million read)	\$1,200	\$1,440	\$1,502
AVI-06	Aviti PE300 Sequencing, High-Output	flowcell (200-300 million read)	\$3,500	\$4,375	\$4,387
AVI-07	Aviti PE300 Sequencing, Mid-Output	flowcell (100 million read pairs)	\$2,600	\$3,120	\$3,128
<b>General Short Read Sequencing (by number of reads needed, sequencer used may vary)</b>					
NGP-25	General SE50 Sequencing	100 M reads	\$300	\$375	\$379
NGP-29	General PE150 Sequencing	100 M reads	\$600	\$750	\$757
NGP-26	10x Single Cell RNA-Seq Sequencing	300 M reads	\$675	\$810	\$851
NGP-30	Expedited Sequencing	100 M reads	\$600	\$750	\$757
<b>Nanopore Long Read Sequencing</b>					
ONT-1	Nanopore Long-Read Sequencing Library Prep	sample	\$350	\$437.50	\$440
ONT-2	Nanopore MinION Sequencing	flowcell (up to 50 Gb data)	\$950	\$1,187.50	\$1,241
ONT-3	Nanopore PromethION Sequencing	flowcell (up to 290 Gb data)	\$1,750	\$2,187.50	\$2,259
<b>PacBio Revio Long Read Sequencing</b>					
PACB-01	PacBio Revio Sequencing	flowcell	\$2,050	\$2,460	\$2,526
PACB-02	PacBio HiFi Lib Prep	sample	\$600	\$720	\$737
PACB-03	PacBio Iso-Seq Lib Prep	sample	\$400	\$480	\$496
PACB-04	PacBio Kinnex Lib Pre	sample	\$900	\$1,080	\$1,108
<b>NGS Library Prep</b>					
NGS-2	Stranded mRNA-Seq Library Prep, <24 Samples	sample	\$200	\$240	\$243
NGS-46	Expedited Stranded mRNA-Seq Library Prep	sample	\$275	\$330	\$337
NGS-3	Stranded Total RNA-Seq Library Prep, <24 Samples	sample	\$275	\$330	\$337
NGS-47	Expedited Stranded Total RNA-Seq Library Prep	sample	\$330	\$396	\$408
NGS-4	Low-Input RNA-Seq Library Prep	sample	\$330	\$396	\$408
NGS-5	Ultra-Low-Input RNA-Seq Library Prep	sample	\$420	\$525	\$532
NGS-21	rRNA Depletion	sample	\$58	\$72.50	\$75
NGS-9	Small RNA-Seq Library Prep	sample	\$230	\$276	\$282
NGS-25	DNA-Seq Library Prep (WGS, ChIP-Seq, Shotgun Metagenome)	sample	\$200	\$240	\$245

NGS-22	DNA/RNA-Seq Library Prep, HT, 24-95 Samples	sample	\$165	\$206.25	\$217
NGS-23	DNA/RNA-Seq Library Prep, HT, >=96 Samples	sample	\$140	\$175	\$182
NGS-15	Whole Exome/Gene Panel Sequencing Library Prep	sample	\$250	\$300	\$309
NGS-10	DNA Methyl-Seq Library Prep	sample	\$225	\$270	\$278
NGS-52	Bimodal Duet Sequencing Library Prep	sample	\$1000	\$1200	\$1257
NGS-16	ATAC-Seq Library Prep	sample	\$320	\$400	\$411
NGS-19	16S/ITS and Amplicon Sequencing Library Prep	sample	\$75	\$90	\$94
<b>Single Cell Sequencing Library Prep</b>					
NGS-28	10X Single Cell RNA-Seq Library Prep	sample	\$2,250	\$2,700	\$2,750
NGS-33	10X Single Cell Multiome Sequencing Library Prep	sample	\$3,750	\$4,500	\$4,576
NGS-34	10X Single Cell RNA-Seq - Multiplexing Add-On	sample	\$180	\$216	\$223
NGS-35	10X Single Cell RNA-Seq - VDJ Immune Profiling Add-On to 5'	sample	\$450	\$540	\$554
NGS-48	Parse Single Cell Sequencing Library Prep	sample	\$1400	\$1750	\$1804
NGS-49	Parse Processing, Additional Hour	hour	\$70	\$87.50	\$91
NGS-31	Manual Single Cell DNA/RNA-Seq Condition Optimization	project	\$800	\$960	\$976
NGS-50	Manual Single Cell DNA/RNA-Seq Library Prep, 1-12 Samples	sample	\$420	\$525	\$532
NGS-51	Manual Single Cell DNA/RNA-Seq Library Prep, >=13 Samples	sample	\$330	\$396	\$408
<b>Spatial Transcriptomics</b>					
NGS-39	Visium Tissue Optimization on Test Slide	slide	\$750	\$937.50	\$961
NGS-41	Visium Spatial Gene Expression Library Prep	slide	\$1,200	\$1,500	\$1,524
NGS-44	Visium - CytAssist Sample Transfer	slide	\$200	\$250	\$260
SPT-01	Xenium Slide Processing and Analyzer Run	2 slides	\$4,900	\$5,880	\$6,159
SPT-02	Xenium Analyzer Run, Additional Day	day	\$1,000	\$1,200	\$1,250
<b>Sample Prep and QC</b>					
NGP-19	DNA Fragmentation	sample	\$15	\$18	\$19
NGP-20	DNA Size Selection and Bioanalyzer Confirmation	sample	\$28	\$34	\$36
NGP-21	Pre-Made Sequencing Library QC	sample	\$18	\$22	\$23
NGP-22	Sequencing Library qPCR Quantification	sample	\$30	\$36	\$38
DRQ-1	Bioanalyzer DNA HS Assay	chip	\$74	\$92.50	\$95
DRQ-2	Bioanalyzer DNA 1K, RNA Nano/Pico Assay	chip	\$50	\$62.50	\$64
DRQ-3	TapeStation DNA 1000/5000 and RNA ScreenTape Analysis	sample	\$8	\$9.50	\$10
DRQ-4	Qubit DNA/RNA Measurement	sample	\$4.75	\$5.70	\$6
DRQ-5	Nanodrop DNA/RNA Measurement	sample	\$2.50	\$3.25	\$4
DRQ-6	DNA/RNA Sample Dilution	sample	\$2	\$2.50	\$3
DRQ-7	TapeStation gDNA and High Sensitivity DNA/RNA Analysis	sample	\$10	\$12	\$13
DRQ-8	HMW DNA QC	run (up to 11 samples)	\$150	\$180	\$187
<b>DNA Extraction</b>					
DEX-1	DNA Extraction	sample	\$34	\$42.50	\$45
DEX-4	HMW DNA Extraction	sample	\$135	\$162	\$167
DEX-3	RNA Extraction with Bioanalyzer QC	sample	\$40	\$50	\$53
<b>Cell Line Authentication</b>					
CLA-1	Cell Line Authentication	sample	\$85	\$106.25	\$111
CLA-2	CLA Setup for <5 Samples	setup	\$20	\$25	\$26
<b>Array Processing</b>					
CHP-2	Illumina BeadChip Processing (<1000 Samples)	sample	\$45	\$56.25	\$58
CHP-3	Illumina BeadChip Processing (>=1000 Samples)	sample	\$39	\$48.75	\$50
<b>NanoString</b>					
NST-1	Nanostring SPRINT Run	cartridge	\$480	\$600	\$616
NST-2	NanoString Sample Hybridization	cartridge	\$150	\$187.50	\$191
<b>Bioinformatics and Staff Time</b>					
BDA-1	Bioinformatics and Data Mining	half hour	\$60	\$96	\$98
OTH-1	Staff Time/Effort	hour	\$70	\$87.50	\$93
<b>Equipment Use</b>					
QS7-1	QuantStudio 7 Instrument Use	hour	\$30	\$37.50	\$40
PCR-2	Digital Droplet PCR Instrument Use	set of 8 samples	\$55	\$68.75	\$72