

## UCLA Technology Center for Genomics & Bioinformatics Rates

**Effective August 1, 2023**

Product/Service Description	Unit	Internal Rate	JCCC Rate	External Rate: Non-Profit	External Rate: Profit
<b>Sequencing Service – Long Read &amp; Short Read</b>					
MiSeq v3 PE 150 Cycles	Per Run	\$1,619		\$1,814	\$1,884
MiSeq v2 PE 300 Cycles	Per Run	\$1,804		\$2,006	\$2,078
MiSeq v2 PE 500 Cycles	Per Run	\$2,039		\$2,269	\$2,351
MiSeq v3 PE 600 Cycles	Per Run	\$2,558		\$2,821	\$2,914
NextSeq v2 SR 75 Cycles - High Output	Per Run	\$2,512		\$2,820	\$2,929
NextSeq v2 PE 150 Cycles - High Output	Per Run	\$4,210		\$4,565	\$4,692
NextSeq v2 PE 150 Cycles - Mid Output	Per Run	\$2,116		\$2,451	\$2,570
NextSeq v2 PE 300 Cycles - Mid Output	Per Run	\$3,074		\$3,483	\$3,629
NovaSeq SP 100 Cycles	Per Lane	\$1,693		\$1,885	\$2,091
NovaSeq SP 200 Cycles	Per Lane	\$2,179		\$2,403	\$2,643
NovaSeq SP 300 Cycles	Per Lane	\$2,406		\$2,662	\$2,935
NovaSeq SP 500 Cycles	Per Lane	\$3,282		\$3,606	\$3,953
NovaSeq S1 100 Cycles	Per Lane	\$2,669		\$2,861	\$3,067
NovaSeq S1 200 Cycles	Per Lane	\$3,405		\$3,629	\$3,868
NovaSeq S1 300 Cycles	Per Lane	\$3,719		\$3,975	\$4,248
NovaSeq S2 100 Cycles	Per Lane	\$4,765		\$4,973	\$5,196
NovaSeq S2 200 Cycles	Per Lane	\$5,922		\$6,183	\$6,462
NovaSeq S2 300 Cycles	Per Lane	\$6,407		\$6,721	\$7,056
NovaSeq S4 200 Cycles	Per Lane	\$4,333		\$4,551	\$4,785
NovaSeq S4 300 Cycles	Per Lane	\$4,817		\$5,057	\$5,313
NovaSeq X Plus 1.5B 100 Cycles*	Per Lane	\$2,046		\$2,433	\$2,846
NovaSeq X Plus 1.5B 200 Cycles*	Per Lane	\$2,542		\$3,014	\$3,518
NovaSeq X Plus 1.5B 300 Cycles*	Per Lane	\$2,784		\$3,307	\$3,866
NovaSeq X Plus 10B 100 Cycles*	Per Lane	\$1,556		\$1,798	\$2,057
NovaSeq X Plus 10B 200 Cycles*	Per Lane	\$1,850		\$2,109	\$2,386
NovaSeq X Plus 10B 300 Cycles*	Per Lane	\$1,962		\$2,234	\$2,524
NovaSeq X Plus 25B 300 Cycles*	Per Lane	\$3,168		\$3,538	\$3,933
Oxford Nanopore Library Construction & Sequencing	Per Flowcell	\$2,376		\$2,644	\$2,740
≤ 2% Spike-in (6-8M reads)	Per Library Pool	\$502		\$698	\$768
Novaseq 6000 XP (for SP/S1/S2/S4)	Per Lane	\$196		\$272	\$299
<b>Library Construction: Conventional</b>					
Library Prep, RNA (Stranded mRNA (Poly-A))	Per Sample	\$51		\$63	\$67
Library Prep, RNA (Ribo Depletion, degraded RNA)	Per Sample	\$80		\$92	\$96
RNA library with Ribo Depletion Reagents (Illumina)	Per Sample	\$140		\$152	\$156
Library Prep, DNA (Kapa Hyper DNA)	Per Sample	\$49		\$61	\$65
Library Prep, QiaSeq miRNA Small RNA	Per Sample	\$181		\$193	\$197
Library Prep, Exome	Per Sample	\$175	\$165	\$197	\$205
Library Prep, Methyl	Per Sample	\$104		\$116	\$120
Globin Reduction	Per Sample	\$40		\$56	\$61

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<b>Library Construction: Single Cell (SC)</b>					
10X Cell Counting & Viability Analysis	Per Sample	\$157	\$137	\$218	\$240
10X Chip (accommodate up to 8 Samples)	Per Chip	\$299		\$415	\$457
10X SC 3' GEX Library Prep (Fresh Cell)	Per Sample	\$1,975	\$1,925	\$2,093	\$2,135
10X SC 3' GEX Fixed/FFPE RNA Profiling (FRP) Library Prep	Per Sample	\$2,192	\$2,142	\$2,300	\$2,339
10X SC 3'GEX + FB (Single Cell Hashing) Library Prep	Per Sample	\$2,140	\$2,090	\$2,302	\$2,360
10X SC TCR Library Prep	Per Sample	\$1,858	\$1,838	\$1,952	\$1,985
10X SC 5' GEX+ TCR Library Prep	Per Sample	\$2,120	\$2,100	\$2,282	\$2,340
10X SC ATAC Library Prep	Per Sample	\$1,650		\$1,757	\$1,795
10X SC Chromium Multiome (ATAC+3' GEX) Library Prep	Per Sample	\$3,231		\$3,397	\$3,456
BD Rhapsody SC Library Prep	Per Sample	\$1,014	\$994	\$1,117	\$1,154
<b>Library Construction: Spatial Transcriptomics</b>					
10X Visium Gene Expression (GEX)	Per Slide	\$1,589	\$1,529	\$2,130	\$2,323
10X Visium Tissue Optimization (TO)	Per Slide	\$497		\$660	\$718
GeoMx Whole Transcriptome Analysis for Human & Mouse	Per Slide	\$3,837	\$3,777	\$4,450	\$4,668
GeoMx Cancer Transcriptome Analysis for Human	Per Slide	\$2,652		\$3,170	\$3,354
GeoMx Protein Profiling	Per Slide	\$1,402		\$1,920	\$2,104
GeoMx DSP - Additional Region of Interest (ROI)	Per ROI	\$52		\$72	\$80
GeoMx - Dry Run	Per Slide	\$1,121	\$1,061	\$1,522	\$1,665
CosMx Hs Univ RNA Panel (2 Slides/Run)	Per Slide	\$6,325	\$6,225	\$6,743	\$6,892
CosMx Hs Immuno-oncology RNA Panel (2 Slides/RUN)	Per Slide	\$4,166	\$4,066	\$4,584	\$4,733
CosMx Mm Neuro RNA Panel (2 Slides/RUN)	Per Slide	\$5,359	\$5,259	\$5,777	\$5,926
CosMx Hs Univ RNA Panel (4 Slides/Run)	Per Slide	\$4,443	\$4,343	\$4,861	\$5,010
CosMx Hs Immuno-oncology RNA Panel (4 Slides/RUN)	Per Slide	\$3,375	\$3,275	\$3,793	\$3,942
CosMx Mm Neuro RNA Panel (4 Slides/RUN)	Per Slide	\$4,776	\$4,676	\$5,194	\$5,343
<b>Data Analysis</b>					
Data Analysis - Custom Project	Per Hour	\$73	\$68	\$101	\$111
Data Analysis - Single Cell or Spatial Transcriptomics Analysis	Per Sample	\$283	\$263	\$393	\$432
Data Analysis Full, Next Generation Sequencing	Per Sample	\$190	\$170	\$264	\$291
Data Analysis Partial, Next Generation Sequencing	Per Sample	\$120	\$110	\$167	\$183
<b>Quality Control and Nucleic Acid Extraction</b>					
Agilent DNA/RNA/gDNA Analysis	Per Sample	\$16		\$22	\$25
Nanodrop DNA/RNA Concentration Measurement	Per Sample	\$6		\$9	\$10
Qubit DNA/RNA Concentration Measurement	Per Sample	\$12		\$17	\$18
Pico Green Measurement with Plate Reader	Per Plate	\$114		\$158	\$174
Library Quantification by qPCR	Per Sample	\$91		\$127	\$140
Nucleic Acid Isolation 1-95 Samples	Per Sample	\$29		\$40	\$44
Nucleic Acid Isolation - 96+ Samples	Per Sample	\$13		\$18	\$20
Nucleic Acid Isolation from FFPE Slide/Block	Per Sample	\$88	\$78	\$122	\$134
<b>Custom and Other Services</b>					
Custom Service (workshops and custom services)	Per Hour	\$69	\$64	\$96	\$105
Covaris Fragmentation	Per Sample	\$25		\$35	\$38
QRT-PCR Analysis/Gene/Sample	Per Sample	\$70		\$97	\$107

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QRT-PCR Primer Design/Gene	Per Primer	\$85		\$118	\$130
Shipping	Per Shipment	\$85		\$91	\$93
Use of ABI7500 (with 96 Well Plate)	Per Plate	\$125		\$174	\$192

**\* Material Pass Through rates are at cost and are subject to change based on market pricing.**