UCLA Technology Center for Genomics & Bioinformatics Rates
Effective July 1, 2022

Product/Service Description	Unit	Internal Rate	JCCC Rate	External Rate
Illumina & Oxford Nanopore Sequencing				
MiSeq v3 PE 150 Cycles	Per Run	$1,657.10	$ -	$1,860.25
MiSeq v2 PE 300 Cycles	Per Run	$1,861.35	$ -	$2,075.65
MiSeq v2 PE 500 Cycles	Per Run	$2,130.10	$ -	$2,554.30
MiSeq v3 PE 600 Cycles	Per Run	$2,717.80	$ -	$3,434.80
NextSeq v2 SR 75 Cycles - High Output	Per Run	$2,422.95	$ -	$2,646.25
NextSeq v2 PE 150 Cycles - High Output	Per Run	$4,139.80	$ -	$4,375.90
NextSeq v2 PE 150 Cycles - Mid Output	Per Run	$1,915.85	$ -	$2,135.35
NextSeq v2 PE 300 Cycles - High Output	Per Run	$6,582.40	$ -	$6,942.30
NextSeq v2 PE 300 Cycles - Mid Output	Per Run	$3,036.00	$ -	$3,490.60
HiSeq 3000 (SR 1X50 or 1x65)	Per Lane	$1,567.55	$ -	$1,834.40
HiSeq 3000 (PE 2x150)	Per Lane	$3,024.35	$ -	$3,291.20
NovaSeq SP 100 Cycles	Per Lane	$2,091.65	$ -	$2,465.30
NovaSeq SP 200 Cycles	Per Lane	$2,553.00	$ -	$2,930.10
NovaSeq SP 300 Cycles	Per Lane	$2,765.55	$ -	$3,169.50
NovaSeq SP 500 Cycles	Per Lane	$3,392.30	$ -	$3,775.65
NovaSeq S1 100 Cycles	Per Lane	$3,019.65	$ -	$3,403.25
NovaSeq S1 200 Cycles	Per Lane	$3,713.95	$ -	$4,100.25
NovaSeq S1 300 Cycles	Per Lane	$4,069.50	$ -	$4,483.75
NovaSeq S2 100 Cycles	Per Lane	$5,159.35	$ -	$5,628.50
NovaSeq S2 200 Cycles	Per Lane	$6,172.30	$ -	$6,753.25
NovaSeq S2 300 Cycles	Per Lane	$6,655.35	$ -	$7,280.75
NovaSeq S4 200 Cycles	Per Lane	$4,793.55	$ -	$5,221.45
NovaSeq S4 300 Cycles	Per Lane	$5,356.20	$ -	$6,014.15
Oxford Nanopore Library Construction & Sequencing	Per Flowcell	$2,152.95	$ -	$2,654.70
Library Construction				
10X Single Cell 3' Gene Expression Sequencing Library Prep	Per Sample	$1,707.10	$1,651.55	$2,424.90
10X Single Cell TCR Sequencing Library Prep	Per Sample	$1,725.75	$1,663.20	$2,533.80
10X Single Cell TCR & 5' Gene Expression Sequencing Library Prep	Per Sample	$2,245.20	$2,171.25	$2,675.75
10X Single Cell ATAC Sequencing Library Prep	Per Sample	$1,691.25	$1,617.30	$2,226.80
10X Single Cell Harshing Library Prep (featured barcode kit provided)	Per Sample	$1,836.65	$1,751.10	$2,383.50
10X Visium Gene Expression (GEX)	Per Slide	$1,369.55	$ -	$1,688.55
10X Visium Tissue Optimization (TO)	Per Slide	$489.70	$ -	$668.60
Additional AOI	Per Region of Interest	$74.88	$ -	$98.73
Chromium Next GEM Single Cell Multiome ATAC + Gene Expression	Per Sample	$3,632.80	$ -	$3,905.10
GeoMx Cancer Transcriptome Analysis for Human	Per Slide	$3,171.45	$ -	$3,697.45
GeoMx Protein Profiling	Per Slide	$1,821.35	$ -	$2,347.35
GeoMx Whole Transcriptome Analysis for Human & Mouse	Per Slide	$3,778.25	$ -	$4,303.85
Globin Reduction	Per Sample	$39.50	$ -	$54.50
Library Prep, DNA (Kapa Hyper DNA)	Per Sample	$83.55	$75.40	$96.35
Library Prep, Methy	Per Sample	$108.55	$100.40	$121.35

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Library Construction (cont'd)				
Library Prep, Nugen Ovation RNA Ultra Low Input + Kapa Hyper	Per Sample	$196.95	$188.80	$209.75
Library Prep, QiaSeq miRNA Small RNA	Per Sample	$187.00	$178.85	$199.80
Library Prep, Exome	Per Sample	$188.60	$180.45	$201.40
Library Prep, RNA (Stranded mRNA (Poly-A))	Per Sample	$70.64	$62.50	$83.45
Library Prep, RNA (Ribo Depletion, degraded RNA)	Per Sample	$96.25	$88.10	$109.05
Quality Control, Nucleic Acid Extraction and Data Analysis				
10X Single Cell Data Analysis	Per Sample	$245.85	$186.10	$339.25
Agilent HS DNA QC	Per Sample	$16.75	$14.05	$20.90
Agilent Test DNA/RNA Analysis	Per Sample	$15.25	$12.55	$19.45
Agilent Test DNA/RNA Analysis - One Sample Only	Per Sample	$53.45	$50.55	$57.95
Agilent Test Genomic DNA Analysis	Per Sample	$15.40	$13.10	$18.95
Consumable & Lab for Generation Duplicate Plate	Per Plane	$77.15	$ -	$106.45
Data Analysis Full, Next Generation Sequencing	Per Sample	$165.10	$125.00	$227.85
Data Analysis Partial, Next Generation Sequencing	Per Sample	$110.85	$83.95	$153.00
Data Retrieval from Amazon (1X50 run)	Per Run	$73.75	$ -	$101.80
Data Retrieval from Amazon (2X150 run)	Per Run	$88.75	$ -	$122.50
Library Quantification by QPCR	Per Sample	$103.45	$ -	$138.90
Nanodrop DNA/RNA Concentration Measurement	Per Sample	$6.40	$4.85	$8.85
NGS Data FastQ File Regeneration	Per File	$44.20	$33.45	$61.00
Nucleic Acid Isolation 1-95 Samples	Per Sample	$28.75	$23.20	$40.55
Nucleic Acid Isolation from FFPE Slide/Block	Per Sample	$83.35	$65.25	$111.55
Pico Green Measurement with Plate Reader (per plate)	Per Plane	$143.55	$132.05	$161.60
Qubit DNA/RNA Concentration Measurement	Per Sample	$12.05	$9.60	$15.95
RNA/DNA Purification	Per Sample	$34.15	$25.85	$47.10
Small RNA QC	Per Sample	$23.75	$ -	$55.95
Others				
≤ 2% Spike-in on HiSeq 50 Cycles	Per Library Pool	$414.10	$ -	$544.35
≤ 2% Spike-in on HiSeq PE 300 Cycles	Per Library Pool	$512.10	$ -	$709.75
10X Cell Counting & Viability Analysis	Per Sample	$113.10	$85.60	$156.05
10X Chip	Per Chip	$324.75	$317.45	$336.10
Covaris Fragmentation	Per Sample	$23.50	$17.75	$32.40
Custom Service (workshops and custom services)	Per Hour	$62.90	$47.60	$86.75
Lab Services Consult, Academic/Director	Per Hour	$97.35	$ -	$134.35
Novaseq XP 2-Lane	Per Lane	$247.20	$ -	$346.70
Novaseq XP 4-Lane	Per Lane	$246.85	$ -	$345.10
QRT-PCR Analysis/Gene/Sample	Per Sample	$69.40	$52.55	$95.75
QRT-PCR Primer Design/Gene	Per Primer	$84.75	$ -	$117.00
Shipping (Labor expense only, shipping expense charged as pass through)	Per Shipment	$7.10	$ -	$9.80
Shipping with Hard Drive with 1 TB	Per Shipment	$87.15	$ -	$120.25
Use of ABI7500 (with 96 Well Plate)	Per Plate	$125.40	$94.95	$173.05