

Internal Price List – 2025

Support Canadian Research – Keep your
Canadian Research \$\$ and Data in Canada

Sequencing

Item #	Instrument	Flow cell	# of Cycles	Read Lengths	Output M read pairs	Output Gbp	Price	
8200.20	NextSeq 2000	P1 XLEAP	100 cycles	PE50	100	10	\$1,370.00	
8201.20			300 cycles	PE150	100	30	\$1,810.00	
8202.20			600 cycles	PE300	100	60	\$2,620.00	
8210.20		P2 XLEAP	100 cycles	PE50	400	40	\$1,950.00	
8211.20			200 cycles	PE100	400	80	\$3,460.00	
8212.20			300 cycles	PE150	400	120	\$4,500.00	
8213.20			600 cycles	PE300	400	240	\$4,880.00	
8221.20			P3 XLEAP	100 cycles	PE50	1200	120	\$3,890.00
8222.20				200 cycles	PE100	1200	240	\$5,290.00
8223.20	300 cycles	PE150		1200	360	\$6,980.00		
8230.00		P4 XLEAP	100 cycles	PE50	1,800	180	\$4,470.00	
8231.00			200 cycles	PE100	1,800	360	\$6,220.00	
8232.00			300 cycles	PE150	1,800	540	\$7,840.00	
8040.60	NovaSeq 6000	SP v1.5	500 cycles	PE250	800	400	\$9,290.00	
8080.70		S2 v1.5	100 cycles	PE50	4,100	417	\$11,250.00	
8090.70			200 cycles	PE100	4,100	833	\$13,900.00	
8100.70			300 cycles	PE150	4,100	1,250	\$14,810.00	
8110.70			S4 v1.5	200 cycles	PE100	10,000	2,000	\$20,150.00
8120.70	300 cycles	PE150		10,000	3,000	\$22,420.00		
8125.10		S4 v1.5 One lane*	300 cycles	PE150	2,500	750	\$5,820.00	
9000.00	NovaSeq X	25 B One lane**	300 cycles	PE150	3,000	900	\$4,100.00	
6830.90	MiSeq	V2 nano	300 cycles	PE150	1	0.3	\$920.00	
6840.80			500 cycles	PE250	1	0.5	\$1050.00	
6850.80			V2 micro	300 cycles	PE150	4	1.2	\$1,260.00

* Read lengths must be PE150, 10bp dual indexed, no custom primers.

** In partnership with BC Genome Sequencing Centre. Submission, data, and billing internal through CHGI. May have longer turn around time. Read lengths must be PE150, no custom primers.

NOTE: The NovaSeq 6000 and NextSeq 2000 kits contain enough reagents for an additional 38 cycles of sequencing (except for the NextSeq 2000 P2 300 and P3 300 cycle kits which only contain an extra 27 cycles). This supports the sequencing of 10x Genomics libraries.

Don't see the service your project needs? Contact us at dnaseq@ucalgary.ca

Library Preparations – other library preps available, contact us dnaseq@ucalgary.ca

Item #	Whole Genome	Price
136.1	Illumina Whole Genome library, per sample	\$105.00
630.1	Illumina PCR-free Whole Genome library, per sample	\$105.00
112.5	FFPE Whole Genome library, per sample	\$105.00
118.0	High Throughput Microbial Whole Genome, per plate of 96 samples (~\$23.20 per sample)	\$2,230.00
	Target Capture	
860.10	Human exome - libraries not included, per capture, up to 12 libraries per capture	\$435.00
870.20	Mouse exome - libraries not included, per capture, up to 8 libraries per capture	\$1,245.00
1020.30	Custom capture with user supplied kit (e.g., myBaits) - library not included	\$22.00
	16S and ITS	
610.40	16S Metagenomic rRNA V3V4, per sample	\$25.00
614.0	ITS Library, per sample	\$30.00
	Epigenomics	
151.1	Whole Genome Bisulfite / Reduced-Representation Bisulfite, per sample	\$105.00
113.4	ChIP DNA, per sample	\$90.00
	Amplicon	
112.40	Blunt amplicon(s) for library prep, large, requires shearing	\$105.00
113.40	Blunt amplicon(s) for library prep, small, no shearing required	\$90.00
620.40	Amplicon(s) with Illumina adapters	\$20.00
	Poly A+ mRNA	
142.0	Illumina Stranded mRNA library, standard input ≥ 25 ng, per sample	\$110.00
160.4	Low Input NEB Stranded mRNAseq low input < 25 ng, per sample	\$140.00
	Total RNAseq with rRNA depletion	
143.1	Illumina Stranded Total RNA prep with Ribo-Zero plus (human/mouse/rat/bacteria)	\$130.00
190.0	FFPE RNA prep Watchmaker with Polaris Depletion, per sample	\$160.00
	Other RNA library prep	
175.20	Stranded RNA library - no poly A capture or rRNA depletion (e.g., RIPseq, viral RNAseq)	\$105.00
351.10	Small/Micro RNA library, per sample	\$155.00
	Single cell RNA	
902.10	10x Genomics 3' single cell RNA library - 1 sample	\$2900.00
903.10	10x Genomics 3' single cell RNA library – batch of 2-4 samples	\$2600.00
904.10	10x Genomics 3' single cell RNA library – batch of 5-8 samples	\$2520.00

Item #	Additional Services	Price
93.10	Pre-Constructed Library assessment (sizing assay and fluorescent quantification)	\$20.00
15.00	Bioinformatics support, per hour	\$100.00
1420.50	Kapa qPCR library quantification assay plate for Illumina (required per sequencing run)	\$210.00
7071.20	Sample normalization plate, for NGS projects with ≥ 24 samples	\$60.00
various	Sizing/Quality Assay via Agilent TapeStation– (HS)DNA, gDNA, (HS)RNA	\$12 - \$15
7080.20	Fluorometric Quantification Assay Plate added to NGS project, per 88 samples	\$90.00
7090.10	E-Gel assay, 2% Agarose Gel Assay added to NGS project, per 96 samples	\$100.00
n/a	Fragment Analysis, fluorescent CE 3730xl	\$4.25
n/a	Sanger sequencing – Full	\$21.00
n/a	Sanger sequencing – Economy	\$8.00

**Looking for other core lab services (spatial omics, flow cytometry, mass spec, etc.)?
Visit: <https://cumming.ucalgary.ca/research/centre-advanced-technologies>**