UNIVERSITY OF CALGARY

CHGI *Centre for Health Genomics and Informatics*

cumming.ucalgary.ca/research/cat/health-genomics/home
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NEW LOWER PRICING ON SEQUENCING!! Don't outsource, keep your data in Canada!

Internal Price List – June 2024

Sequencing:

Item #	Instrument	Flow cell	# of Cycles	Read Lengths	Output M read pairs	Output Gbp	Price
6830.80	MiSeq	V2 nano	300 cycles	PE150	1	0.3	$850.00
6840.70			500 cycles	PE250	1	0.5	$970.00
6850.70		V2 micro	300 cycles	PE150	4	1.2	$1,160.00
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
8080.60		S2 v1.5	100 cycles	PE50	4,100	417	$10,843.00
8090.60			200 cycles	PE100	4,100	833	$13,419.00
8100.60			300 cycles	PE150	4,100	1,250	$14,301.00
8110.60		S4 v1.5	200 cycles	PE100	10,000	2,000	$19,201.00
8120.60			300 cycles	PE150	10,000	3,000	$21,371.00
8125.00		S4 v1.5 One lane*	300 cycles	PE150	2,500	750	$5,600.00
9000.00	NovaSeq X**	25 B One lane	300 cycles	PE150	3,000	900	$4,100.00

*** Read lengths must be PE150, dual indexed, no custom primers.**
**** In partnership with BC Genome Sciences Centre. Submission, data, and billing all performed internally through CHGI. May have variable turnaround time.**

NOTE: The NovaSeq 6000 and NextSeq 2000 XLEAP kits contain enough reagents for an additional 38 cycles of sequencing. This supports the sequencing of 10x Genomics libraries. For example, the 100 cycle (bp) kits contain enough reagents for 138bp of sequencing.

Library Preparations – *other library preps available, contact us.*

Item #	Service	Price
112.40	DNA fragment library	$105.00
125.30	DNA fragment library, PCR-free	$105.00
118.00	High throughput DNA bulk library, per 96 samples (variable coverage)	$2,230.00
113.40	ChIPseq and Amplicon sequencing – DNA fragment library no shearing	$90.00
620.40	Amplicons that already contain Illumina Nextera adapters for library prep	$20.00
160.20	Stranded poly (A) RNA library	$110.00
170.20	Stranded rRNA-depletion RNA library (human/mouse/rat, bacterial)	$170.00
175.20	Stranded RNA library - no poly A capture/rRNA depletion (e.g., RIPseq, viral RNAseq)	$105.00
351.10	Small/Micro RNA library preparation	$155.00
610.40	16S Metagenomic rRNA V3/4	$25.00
151.10	Enzymatic Methyl-seq (can be reduced representation with Msp I)	$105.00
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

10x Genomics Chromium Library Preparation – *other library preps available, contact us.*

Item #	Service	Price
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

Other

Item #	Service	Price
93.00	User prepared library assessment	$15.00
15.00	Bioinformatics support per hour	$100.00
various	Sizing/Quality Assay via Agilent TapeStation– (HS)DNA, gDNA, (HS)RNA	$10.00
	Sanger sequencing – Economy	$8.00
	Sanger sequencing – Full	$21.00
	Fragment Analysis	$4.25

NGS project services add-ons

Item #	Service	Price
7080.20	Fluorometric Quantification Assay Plate	$90.00
7090.10	E-Gel assay- per 96 samples, 2% Agarose Gel Assay	$100.00
1420.40	Kapa qPCR library quantification plate for Illumina, per sequencing run	$190.00
7071.20	Sample plate normalization, robotic, per 96 samples	$60.00
	XP workflow – individual manual lane loading for the NovaSeq 6000 instrument, per lane	$340.00

The Centre for Health Genomics and Informatics is a vital asset to the University of Calgary, featuring a robust core infrastructure of sample preparation and NGS instrumentation. By utilizing the local core facility, researchers benefit from timely access to advanced technologies, technical expertise, and expert support, fostering a collaborative environment that accelerates innovation and discovery.

Supporting UofC's core facilities not only ensures the continued availability of these essential services but also strengthens the University of Calgary's infrastructure, keeping us all at the forefront of scientific advancement.

Help keep core resources thriving while keeping your research funds and data within Canada!