Center for Health Genomics and Informatics

UNIVERSITY OF CALGARY

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University of Calgary Internal Prices
Valid April 1, 2024 to March 31, 2025

Library Preparations

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 l)	$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 3' single cell RNA Library Preparation

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

Sequencing

Item #	Instument	Flow cell	# of Cycles	Read Lengths	M read pairs	Gbp	Price
6830.80	MiSeq	V2 nano	300 cycles	2x150bp	1	0.3	$850.00
6840.70			500 cycles	2x250bp	1	0.5	$970.00
6850.70		V2 micro	300 cycles	2x150bp	4	1.2	$1,160.00
6810.80		V2	300 cycles	2x150bp	15	5.1	$2,450.00
6820.80			500 cycles	2x250bp	15	8.5	$2,730.00
6860.80		V3	150 cycles	2x75bp	25	3.8	$2,160.00
6870.92			600 cycles	2x300bp	25	15	$3,480.00
8200.10	NextSeq 2000	P1	100 cycles	2x50bp	100	10	$1,750.00
8201.10			300 cycles	2x150bp	100	30	$2,340.00
8202.10			600 cycles	2x300bp	100	60	$3,430.00
8210.10		P2	100 cycles	2x50bp	400	40	$2,680.00
8211.10			200 cycles	2x100bp	400	80	$4,830.00
8212.10			300 cycles	2x150bp	400	120	$6,320.00
8213.10			600 cycles	2x300bp	300	180	$6,860.00
8221.10		P3	100 cycles	2x50bp	1200	120	$5,820.00
8222.10			200 cycles	2x100bp	1200	240	$7,970.00
8223.10			300 cycles	2x150bp	1200	360	$10,540.00
8230.00		P4 XLEAP	100 cycles	2x50bp	1,800	180	$4,460.00
8231.00			200 cycles	2x100bp	1,800	360	$6,210.00
8232.00			300 cycles	2x150bp	1,800	540	$7,840.00
8020.60	NovaSeq 6000	SP v1.5	100 cycles	2x50bp	800	80	$4,770.00
8025.50			200 cycles	2x100bp	800	167	$6,170.00
8030.60			300 cycles	2x150bp	800	250	$6,710.00
8040.60			500 cycles	2x250bp	800	400	$9,290.00
8050.60		S1 v1.5	100 cycles	2x50bp	1,600	167	$8,540.00
8060.60			200 cycles	2x100bp	1,600	333	$10,690.00
8070.60			300 cycles	2x150bp	1,600	500	$11,560.00
8080.60		S2 v1.5	100 cycles	2x50bp	4,100	417	$15,490.00
8090.60			200 cycles	2x100bp	4,100	833	$20,430.00
8100.60			300 cycles	2x150bp	4,100	1,250	$21,270.00
8110.60		S4 v1.5	200 cycles	2x100bp	10,000	2,000	$27,430.00
8120.60			300 cycles	2x150bp	10,000	3,000	$30,530.00

NOTE: The NovaSeq and NextSeq 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. For example, the 100 cycle (bp) kits contain enough reagents for 138bp of sequencing.

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