



Centre for Health Genomics and Informatics

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University of Calgary Internal Prices

Valid April 1, 2023 to March 31, 2024

NGS DNA/RNA Library Preparations:

Item #	Service	Price
112.4	DNA fragment library	\$105.00
125.3	DNA fragment library, PCR-free	\$105.00
118	High throughput DNA bulk library, per 96 samples (variable coverage)	\$2,230.00
113.4	ChIPseq and Amplicon sequencing – DNA fragment library no shearing	\$90.00
620.3	Amplicon that already contains Illumina Nextera adapters for Illumina indexing only	\$15.00
160.2	Stranded poly (A) RNA library	\$110.00
170.2	Stranded rRNA-depletion RNA library (human/mouse/rat, bacterial)	\$170.00
175.2	Stranded RNA library - no poly A capture/rRNA depletion (e.g. RIPseq, viral RNAseq)	\$105.00
351.1	Small RNA library preparation	\$155.00
610.3	16S Metagenomic rRNA V3/4	\$21.00
613.0	ITS library with/without one 16S region of choice, combined library	\$30.00
151.1	Enzymatic Methyl-seq (can be reduced representation with Msp I)	\$105.00
	Looking for other library preparations? Contact CHGI	

NGS Enrichment Library Preparations:

Item #	Service	Price
860.1	IDT human exome - 12 libraries per capture, libraries not included: see item 112.4 above	\$435.00
820.1	Agilent SureSelect Clinical Research v2 human exome – libraries included, 8 libraries per capture	\$200.00
825.1	Agilent SureSelect Mouse exome – library included, single-plex capture	\$270.00
1020.3	Custom capture with user supplied kit (e.g. myBaits)– library not included: see item 112.4 above	\$22.00
605.0	Illumina human RNA exome - 4 libraries per capture, libraries not included: see item 241.0 below	\$780.00
241.0	Illumina human RNA exome library prep only to be combined with 605.0	\$150.00

10x Genomics 3' single cell RNA Library Preparations:

Item #	Service	Price
902.0	10x Genomics 3' single cell RNA library, batches of 1 or 2 samples, price per sample	\$2,800.00
903.0	10x Genomics 3' single cell RNA library, batches of 3, 4 or 5 samples, price per sample	\$2,600.00
904.0	10x Genomics 3' single cell RNA library, batches of 6, 7 or 8 samples, price per sample	\$2,400.00
	Other 10x Genomics single cell library preparations – contact CHGI	

Other Services:

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

ILLUMINA SEQUENCING:

Item #	Instrument	Reagent kit	Total Output - M Read Pairs	Total Output - Gbp	Price
8020.5	NovaSeq 6000 v1.5 *	SP 100 cycles (bp)	800	80	\$4,640.00
8025.4		SP 200 cycles (bp)	800	167	\$6,000.00
8030.5		SP 300 cycles (bp)	800	250	\$6,520.00
8040.5		SP 500 cycles (bp)	800	400	\$9,030.00
8050.51		S1 100 cycles (bp)	1,600	167	\$5,869.00
8060.5		S1 200 cycles (bp)	1,600	333	\$10,380.00
8070.5		S1 300 cycles (bp)	1,600	500	\$11,220.00
8080.5		S2 100 cycles (bp)	4,100	417	\$14,020.00
8090.5		S2 200 cycles (bp)	4,100	833	\$17,340.00
8100.5		S2 300 cycles (bp)	4,100	1,250	\$18,480.00
8110.5		S4 200 cycles (bp)	10,000	2,000	\$26,020.00
8120.5		S4 300 cycles (bp)	10,000	3,000	\$28,960.00
6800.6	MiSeq	V2 50 cycles (bp)	15	0.85	\$1,940.00
6810.7		V2 300 cycles (bp)	15	5.1	\$2,410.00
6820.7		V2 500 cycles (bp)	15	8.5	\$2,680.00
6830.7		V2 nano 300 cycles (bp)	1	0.3	\$750.00
6840.6		V2 nano 500 cycles (bp)	1	0.5	\$870.00
6850.6		V2 micro 300 cycles (bp)	4	1.2	\$1,060.00
6860.7		V3 150 cycles (bp)	25	3.8	\$2,120.00
6870.91		V3 600 cycles (bp)	25	15	\$3,410.00
7040.9	NextSeq	Mid-output 150 cycles (bp)	130	19	\$2,480.00
7050.8		Mid-output 300 cycles (bp)	130	39	\$3,840.00
7000.9		High-output 75 cycles (bp)	400	30	\$3,310.00

* NovaSeq 6000 reagent kits contain enough reagents for an additional 38 cycles of sequencing. This is to support the sequencing of 10x Genomics libraries. For example, the 100 cycle (bp) kits contain enough reagents for 138bp of sequencing.

Other add-on NGS project services:

Item #	Service	Price
7080.2	QuantiFluor DNA Assay Plate	\$90.00
7090.1	E-Gel - per 96 samples, 2% Agarose Gel Assay	\$100.00
1420.4	Kapa qPCR Library Quantification plate for Illumina, per sequencing run	\$190.00
7071.2	Plate normalization, robotic, per 96 samples	\$60.00
	XP workflow – individual manual lane loading for the NovaSeq 6000 instrument, per lane	\$340.00