

Decoding tomorrow, one sequence at a time

Sample processing and quality control		Methods	Sample batch size	Price / sample			
				Internal	External		
Tissue homogenization		Precellys Evolution	1 to 96	\$20	\$24		
RNA or DNA extraction		Maxwell RSC	1 to 96	\$26	\$33		
TNA extraction		Maxwell RSC	1 to 96	\$35	\$42		
FFPE DNA repair		Maxwell RSC	1 to 96	\$24	\$29		
Tissue dissociation for single-cell sequencing		Specific to project	1 to 96	\$230	\$250		
TapeStation 4200		TapeStation 4200 for DIN, RIN, DV200	1 to 96	\$11	\$13		
Qubit 4.0 Quantification		Qubit 4.0	1 to 96	\$5	\$6		
NGS workflows (include sample QC, library preparation)		Applications & Service tiers	Sample batch size	Price / sample		Data output per sample (millions raw paired-end reads) / Sequencer / Library workflow	
				Internal	External	Sequencing depth can be adjusted based on request	
mRNA-seq		gene expression	48	\$220	\$257	30 M PE100 / G400 / NEB mRNA isolation + DNBSEQ Fast RNA Library Prep	
		gene expression - large batch	192	\$167	\$192	30 M PE100 / T7 / NEB mRNA isolation + DNBSEQ Fast RNA Library Prep	
		gene expression - small batch & rapid run	16	\$364	\$430	30 M PE150 rapid run / G400 / NEB mRNA isolation + DNBSEQ Fast RNA Library Prep	
rRNA-depleted RNA-seq		gene expression - includes lncRNAs	32	\$392	\$445	50 M PE100 / G400 / DNBSEQ rRNA Depletion + Fast RNA Library Prep	
		gene isoforms & fusions - low RIN but DV200 ≥ 70%	72	\$333	\$374	80 M PE100 / T7 / DNBSEQ rRNA Depletion + Fast RNA Library Prep	
		degraded/FFPE RNA - small batch	20	\$644	\$767	80 M PE100 / G400 / Illumina IRPE + exome panel	
RNA exome RNA-seq		degraded/FFPE RNA - large batch	72	\$510	\$606	80 M PE100 / T7 / Illumina IRPE + exome panel	
Whole genome		germline variant calling, 30x	12	\$574	\$664	400 M PE150 / T7 / DNBSEQ Fast FS Library Prep	
		somatic variant calling (requires normal DNA), 150x	3	\$1,705	\$2,000	2,000 M PE150 / T7 / DNBSEQ Fast FS Library Prep	
10x Genomics single-cell RNA-seq		gene expression; max 20,000 cells (for all species with n	16	\$3,100	\$3,675	600 M PE100 / T7 / Universal 3' Gene Expression v4 for 20K cells/sample x 30K reads/cell	
		chromatin accessibility, max 10,000 cells (all species)	4	\$3,960	\$4,710	300 M PE100 / G400 / Chromium Single Cell Epi ATAC v2 for 10K cells/sample x 30K reads/cell	
10x Genomics single-cell ATAC-seq			16	\$2,960	\$3,500	300 M PE100 / T7 / Chromium Single Cell Epi ATAC v2 for 10K cells x 30K reads/cell	
10x Genomics single-cell Multiome		gene expression + chromatin accessibility in the same cell, max 10,000 cells (all species with mRNAs).	8	\$5,670	\$6,755	600 M PE100 for 2 libraries (ATAC+RNA) / T7 / Next GEM for 10K cells x 30K reads/cell	
			16	\$4,310	\$5,125	600 M PE100 for 2 libraries (ATAC+RNA) / T7 / Next GEM for 10K cells x 30K reads/cell	
		max 2,000 cells	8	\$1,665	\$1,895	60 M PE100 / G400 FCS / Single-cell 3' RNA T2 for 2K cells/sample x 30K reads/cell	
			24	\$1,345	\$1,520	60 M PE100 / G400 / Single-cell 3' RNA T2 for 2K cells/sample x 30K reads/cell	
illumina single-cell RNA (PIPseq)		expression (for all species with mF max 10,000 cells	5	\$2,475	\$2,875	300 M PE100 / G400 / Single-cell 3' RNA T10 for 10K cells/sample x 30K reads/cell	
			18	\$1,925	\$2,215	300 M PE100 / T7 / Single-cell 3' RNA T10 for 10K cells/sample x 30K reads/cell	
		max 20,000 cells	8	\$2,580	\$2,995	600 M PE100 / T7 / Single-cell 3' RNA T20 for 20K cells/sample x 30K reads/cell	
		max 100,000 cels	2	\$8,725	\$10,380	3000 M PE100 / T7 / Single-cell 3' RNA T100 for 100K cells/sample x 30K reads/cell	
Sequencing Run		Read length / cycles / lanes per flow cell	Data output / flow cell (G reads / Gb)	Data output / run (G reads)	Price / flow cell		Sequencer model
					Internal	External	
Sequencer and flow cell type		flow cell					
G400RS FCS PE150		2x150 bp / 320 cycles / 2 lanes	0.5 / 150	1	\$3,250	\$3,900	G400RS uses a 4-color optical/base calling scheme with 2 flow cells/run and 2 to 4 lanes/flow cell
G400RS FCL PE100		2x100 bp / 220 cycles / 4 lanes	1.6 / 320	3.2	\$3,370	\$4,040	G400RS uses a 4-color optical/base calling scheme with 2 flow cells/run and 2 to 4 lanes/flow cell
G400RS FCL PE150		2x150 bp / 320 cycles / 4 lanes	1.6 / 480	3.2	\$4,955	\$5,945	G400RS uses a 4-color optical/base calling scheme with 2 flow cells/run and 2 to 4 lanes/flow cell
T7RS FCL PE100		2x100 bp / 220 cycles / 1 lane	5.8 / 1160	23.2	\$3,525	\$4,230	T7RS uses a 4-color optical/base calling scheme with 4 flow cells/run and 1 lane/flow cell
T7RS FCL PE150		2x150 bp / 320 cycles / 1 lane	5.8 / 1740	23.2	\$3,480	\$4,180	T7RS uses a 4-color optical/base calling scheme with 4 flow cells/run and 1 lane/flow cell
Run setup, maintenance, and data handling					\$288	\$345	
Sequencing primer kit to sequence Illumina libraries					\$265	\$315	
Data processing & analysis			Sample batch size	Price / sample			
				Internal	External		
Illumina formatted fastq files				-	\$20		
Data processing for QC report				\$10	\$15		
Standard analysis (e.g. DGE, variant calls)			≤12 samples		\$50		
			≤24 samples	\$20	\$30	include QC reports for fastq and post-mapping reads	
			≤96 samples	\$10	\$20		
Custom analysis				inquire for price			

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Qualitative / quantitative proteomics analysis	Price			Note
	Internal	External		
Standard 1D nLC-MS analysis, 1 hr MS run/sample	\$130	\$160	per sample	Sample processing included*
Standard 1D nLC-MS analysis, 3 hr MS run/sample	\$230	\$280	per sample	Sample processing included*
Single set TMT nLC-MS analysis, 1D, 3 hr MS run/pool	\$200	\$240	per sample	Sample processing included*
Multiple set TMT nLC-MS analysis, 1D, 3 hr MS run/pool	\$200	\$240	per sample	Sample processing included*, TMT set of 9 samples + 1 common
Multiple set TMT nLC-MS with 2D fractionation, 3 hr MS run/pool	\$380	\$460	per sample	Sample processing included*, TMT set of 9 samples + 1 common
Immunoprecipitation nLC-MS analysis, 2 hr. MS run/sample	\$150	\$180	per sample	Sample processing included**
In-gel nLC-MS analysis, 1 hr MS run/sample.	\$100	\$120	per sample	Sample processing included***
DIA LCMS 1D, no sample pooling, 4 hr MS run/sample	\$280	\$340	per sample	Sample processing included*
Additional nLC-MS for complex samples	\$125	\$150	per hour	price per hr. for exclusion/inclusion lists, targeted follow-up
Manual nanospray for high MW deconvolution	\$150	\$180	per sample	

\* Typical sample processing includes lysis, cleanup, protein digestion, extraction. \*\* Sample processing typically starts with washes of Ab-beads post capture, on-bead digestion, cleanup.

\*\*\* Typically includes in gel digestion, peptide extractions and cleanup.

Small molecules analysis	Price		
	Internal	External	
Pharmacokinetic analysis	\$70	\$84	per sample
Chemical purity/solubility/stability			
Purity only (pos/neg scan with PDA)	\$45	\$54	per cpd
Purity/solubility; PBS, media/5%FBS vs MeOH cont	\$110	\$132	per cpd
Full analysis (0, 48, 96hr RT)	\$290	\$348	per cpd
Microsomal stability (0,10,20,40min; & pos/neg cont)			
1-3 cpd	\$270	\$324	per cpd
4-10 cpd	\$220	\$264	per cpd
11+ cpd	\$180	\$216	per cpd
Small molecule analysis			
0-10 samples	\$70	\$84	per sample
11-20 samples	\$60	\$72	per sample
21+ samples	\$55	\$66	per sample

Data processing & analysis	Price		
	Internal	External	
Standard	-	\$20	per sample or cpd
Custom analysis	inquire for price		

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