

GENEWIZ Genomic Services
Price List for Columbia University

Item Number	Description	List Price	Units
Sanger DNA Sequencing			
SEQ-501B1	Sanger DNA sequencing	\$5.00	Reaction
SEQ-501B2	Sanger DNA sequencing, qty. 48-93	\$5.00	Reaction
SEQ-501B3	Sanger DNA sequencing, qty. 94-469	\$4.00	Reaction
SEQ-508B1	Pre-Defined Sanger DNA sequencing	\$5.00	Reaction
SEQ-508B2	Pre-Defined Sanger DNA sequencing, qty. 48-93	\$5.00	Reaction
SEQ-508B3	Pre-Defined Sanger DNA sequencing, qty. 94-469	\$4.00	Reaction
SEQ-502B1	Custom Sanger DNA sequencing	\$6.00	Reaction
SEQ-502B2	Custom Sanger DNA sequencing, qty. 48-93	\$6.00	Reaction
SEQ-502B3	Custom Sanger DNA sequencing, qty. 94+	\$5.00	Reaction
SEQ-515B1	PCR clean-up, additional	\$0.00	Reaction
SEQ-515B2	PCR clean-up, additional, qty. 48-93	\$0.00	Reaction
SEQ-515B3	PCR clean-up, additional, qty. 94-469	\$0.00	Reaction
SEQ-701B1	Bacteria/phage template, additional	\$4.00	Reaction
SEQ-701B2	Bacteria/phage template, additional, qty. 48-93	\$2.00	Reaction
SEQ-701B3	Bacteria/phage template, additional, qty. 94-469	\$2.00	Reaction
SEQ-513	Same-day processing, additional	\$0.00	Reaction
SEQ-512B1	Difficult template sequencing, additional	\$4.00	Reaction
SEQ-512B2	Difficult template sequencing, additional, qty. 48-93	\$4.00	Reaction
SEQ-512B3	Difficult template sequencing, additional, qty. 94+	\$4.00	Reaction
SEQ-504	BAC DNA sequencing	\$28.00	Reaction
SEQ-605	Sequence confirmation and analysis, 1x (single strand)	\$0.10	bp
SEQ-603	Sequence confirmation and analysis, 2x (double strand)	\$0.15	bp
SEQ-601	Sequence confirmation and analysis, 4x	\$0.25	bp
SEQ-6065	Sequence discovery and analysis, 1x (single strand)	\$0.10	bp
SEQ-6063	Sequence discovery and analysis, 2x (double strand)	\$0.15	bp
SEQ-6061	Sequence discovery and analysis, 4x	\$0.25	bp
OL-SEQ-25	Sequencing oligo synthesis and banking, 25 nmol	\$15.00	Primer

Fragment Analysis			
MB-1350	Fragment analysis	\$5.00	Sample
MB-1355	Fragment analysis, 96-well	\$220.00	Plate
MB-1360	Fragment analysis, ready-to-load	\$150.00	Plate

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DNA Synthesis			
SYN-1000	Gene synthesis, minimum charge	\$159.00	Sequence
SYN-1020	Gene synthesis, < 1.5 kb	\$0.35	Base Pair
SYN-1030	Gene synthesis, 1.5-2 kb	\$0.35	Base Pair
SYN-1040	Gene synthesis, 2-3 kb	\$0.35	Base Pair
SYN-1050	Gene synthesis, 3-4 kb	\$0.40	Base Pair
SYN-1060	Gene synthesis, 4-5 kb	\$0.40	Base Pair
SYN-1070	Gene synthesis, 5-6 kb	\$0.45	Base Pair
SYN-1080	Gene synthesis, 6-7 kb	\$0.45	Base Pair
SYN-1090	Gene synthesis, 7-8 kb	\$0.50	Base Pair
SYN-1100	Gene synthesis, 8-9 kb	\$0.50	Base Pair
SYN-1110	Gene synthesis, 9-10 kb	\$0.50	Base Pair
SYN-1255	Variant synthesis	\$149.00	Variant
SYN-1250	Variant synthesis, with custom cloning	\$149.00	Variant
SYN-1260	Variant > 1 kb, additional for insert > 1 kb	\$0.05	Base Pair
SYN-1710	Standard cloning with synthesis, pUC57-Amp	Included	Sequence
SYN-1720	Standard cloning with synthesis, pUC57-Kan	Included	Sequence
SYN-1740	Custom cloning with synthesis, Insert 0-3 kb	\$149.00	Reaction
SYN-1750	Custom cloning with synthesis, insert 3-6 kb	\$179.00	Reaction
SYN-1760	Custom cloning with synthesis, insert 6-10 kb	\$189.00	Reaction
SYN-1770	Custom cloning with synthesis, insert > 10 kb	\$189.00	Reaction
SYN-1790	Custom cloning with synthesis, bulk	\$1,000.00	Vector
SYN-2000	TurboGENE-7 synthesis, minimum charge	\$259.00	Sequence
SYN-2001	TurboGENE-7 synthesis, < 1.2 kb	\$0.47	Base Pair
SYN-2002	TurboGENE-7 synthesis, 1.2-2 kb	\$0.47	Base Pair
SYN-2003	TurboGENE-5 synthesis, minimum charge	\$499.00	Sequence
SYN-2004	TurboGENE-5 synthesis, < 1.2 kb	\$1.29	Base Pair
DNA-8100	Mini-scale DNA sample, bundled	Included	Prep
DNA-8120	Midi-scale DNA preparation, bundled	\$60.00	Run
DNA-8130	Maxi-scale DNA preparation, bundled	\$95.00	Run
DNA-8140	Mega-scale DNA preparation, bundled	\$255.00	Run
DNA-8150	Giga-scale DNA preparation, bundled	\$415.00	Run
DNA-9015	Endotoxin-free DNA purification, mega- or giga-scale, bundled	\$20.00	Run
DNA-9010	Endotoxin-free DNA purification, midi- or maxi-scale, bundled	\$20.00	Run
SEQ-610	Sequencing primer design and synthesis	\$20.00	Primer
MB-8600	FragmentGENE 100-500 bp	\$69.00	Fragment

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MB-8601	FragmentGENE 501-750 bp	\$99.00	Fragment
MB-8602	FragmentGENE 751-1,000 bp	\$119.00	Fragment
MB-8603	FragmentGENE 1001-1,250 bp	\$169.00	Sequence
MB-8604	FragmentGENE 1251-1,500 bp	\$199.00	Sequence
MB-8605	FragmentGENE 1,501-1,750 bp	\$229.00	Sequence
MB-8606	FragmentGENE 1,750-2,000 bp	\$259.00	Sequence
MB-8650	FragmentGENE 5' Phosphorylation	\$15.00	Sequence
OL-D25N-T	DNA oligo synthesis, 25 nmol, tubes	\$0.25	Nucleotide s
OL-D25N-96	DNA oligo synthesis, 25 nmol, plate	\$0.20	Nucleotide s
OL-D25X-T	Expedited DNA oligo synthesis, 25 nmol, tubes	\$0.35	Nucleotide s
OL-D25X-96	Expedited DNA oligo synthesis, 25 nmol, plate	\$0.30	Nucleotide s

DNA Synthesis Pricing applies to standard, non-complex genes only. Consult Project Management for accurate quotation.

Plasmid DNA Preparation			
DNA-8960	DNA transformation	\$15.00	Sample
DNA-8010	Mini-scale DNA preparation	\$10.00	Run
DNA-8020	Midi-scale DNA preparation	\$60.00	Run
DNA-8030	Maxi-scale DNA preparation	\$95.00	Run
DNA-8040	Mega-scale DNA preparation	\$255.00	Run
DNA-8050	Giga-scale DNA preparation	\$415.00	Run
DNA-8090	96-well mini-scale DNA preparation, mol. bio. grade	\$576.00	Plate
DNA-8905	Endotoxin-free DNA purification, mini-scale, additional	\$10.00	Run
DNA-8910	Endotoxin-free DNA purification, midi- or maxi-scale	\$20.00	Run
DNA-8915	Endotoxin-free DNA purification, mega- or giga-scale, additional	\$20.00	Run
DNA-8500	Custom aliquots	\$2.00	tube
DNA-89400	Alcohol precipitation	\$30.00	Sample
DNA-8945	Normalization (dilution)	\$10.00	Sample
DNA-8950	Agarose gel analysis, uncut	\$10.00	Lane
DNA-8955	Agarose gel analysis, with digestion	\$20.00	Lane
DNA-8959	Sterility test, streak	\$10.00	Sample
DNA-8969	Streak to single colony	\$10.00	Sample
MB-6300	Glycerol stock	\$3.00	tube
MB-6305	Glycerol stock, 96-well	\$100.00	Plate

Tiered volume pricing outlined in this price list is applied per order. This price list contains confidential information. Posting or sharing publicly without obtaining permission from GENEWIZ is strictly prohibited.

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1. Sanger Sequencing Service Scope

- Primer extension sequencing using dye terminator sequencing chemistry
- Electrophoresis of sequencing fragments using ABI3730xl
- Sequence data extraction to create sequence files and chromatogram files
- Data transfer via GENEWIZ CLIMS system
- 12 GENEWIZ dropboxes located on Columbia University campuses for daily pick-up with free shipping to GENEWIZ
- Saturday sequencing offered with Sunday morning data delivery
- Free Upgrade to Pre-Defined offered to all Columbia users (ease of use)
- Free PCR Clean-Up offered to all Columbia users

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Columbia University – Agreement for Services (Next Generation Sequencing)

Library Prep	Per Sample Cost*
ChIP DNA	\$ 200.00
Agilent SureSelect Exome	\$ 320.00
Standard RNA with polyA selection	\$ 200.00
Standard RNA with rRNA depletion	\$ 280.00
Strand-specific RNA with polyA selection	\$ 220.00
Strand-specific RNA with rRNA depletion	\$ 300.00
Small RNA	\$ 280.00
Ultra-Low Input RNA	\$ 360.00
Standard DNA	\$ 180.00

Illumina Lane Costs	Per Lane Cost*
HiSeq 2x150 bp Single Index (~350mil PE reads/lane)	\$ 1,440.00
HiSeq 2x150 bp Dual index (~350mil PE reads/lane)	\$ 1,856.00
MiSeq 2x150 bp (10-15mil reads/lane)	\$ 1,344.00
MiSeq 2x250 bp (10-15mil reads/lane)	\$ 1,568.00
MiSeq 2x300 bp (20-25mil reads/lane)	\$ 2,112.00

Bioinformatics	Per Sample Cost*
Standard DNA analysis	\$ 80.00
Standard RNA analysis	\$ 120.00

Human Whole Genome Sequencing	Per Sample Cost*
2x150 bp; ~90Gb/sample (Bioinformatics Included)	\$ 1,200.00
2x150 bp; ~180Gb/sample (Bioinformatics Included)	\$ 2,400.00

*Value discount applied. New customers are eligible for an increased promotional discount. Please contact GENEWIZ directly for details. Each project is quoted based on individual end user needs (library prep, read depth, etc.)

**Please contact GENEWIZ directly for Single Cell RNA-Sequencing, PacBio Sequencing, Amplicon Sequencing, Metagenomics Based Sequencing and Targeted Sequencing projects.

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