

GENETIC GENOMIC CORE NGS ILLUMINA MISEQ SERVICES

CENTER FOR HYPERTENSION
& PRECISION MEDICINE

UNIVERSITY OF TOLEDO

The Microbiome Consortium at the University of Toledo, College of Medicine, offers microbial community profiling services through 16S Amplicon Sequencing services at competitive prices.

Table 1. Prices for Illumina Library Preparation with DNA or raw sample

Internal Users		External Users		Suggested MiSeq Cartridge	
Price per sample	Flat cost per run (max 96)	Price per Sample	Flat cost per run (max 96)		
\$ 11	\$1,030	\$13	\$1,216	MiSeq v3 Reagent Kit (600 cycle)	16S rRNA Gene Amplicon PCR only, 5µg/ µl of 20 µl DNA required
\$ 20	\$1,865	\$24	\$2,201	MiSeq v3 Reagent Kit (600 cycle)	16S rRNA Gene Amplicon PCR including DNA Extraction (e.g. swab, saliva, feces)

Note: The cost includes PCR reagents, quality control by Qubit and Agilent DNA chip, DNA extraction kit if needed, and labor.

Contact:

For Genomics Consultations and NGS Technical Inquiries, please contact:

Ramakumar Tummala, PhD

Phone: 419-383-5174

Ramakumar.Tummala@Utoledo.edu

Table 2. Prices for Illumina MiSeq Sequencing based on each kit option

Internal Users		External Users		Reads	Expected Output (bases):	Run Time		Run Type
Price per sample	Flat cost per run (max 96)	Price per sample	Flat cost per run (max 96)					
\$ 19	\$ 1,722	\$23	\$ 2,032	25M	13.2-15 Gb	up to 3 days (56h)	MiSeq v3 Reagent Kit (600 cycle)	PE300
N/A	\$1,092	N/A	\$ 1,289	25M	3.3-3.8 Gb	up to 1.5 days (21h)	MiSeq v3 Reagent Kit (150 cycle)	SE150/PE75
N/A	\$1,362	N/A	\$ 1,607	15M	6-8.5 Gb	up to 2 days (39h)	MiSeq v2 Reagent Kit (500 cycle)	PE250
N/A	\$1,237	N/A	\$ 1,460	15M	3.6-5.1 Gb	up to 1.5 days (24h)	MiSeq v2 Reagent Kit (300 cycle)	PE150
N/A	\$1,012	N/A	\$ 1,194	15M	0.75-0.85	1 day (5h)	MiSeq v2 Reagent Kit (50 cycle)	SE50
N/A	\$ 632	N/A	\$ 746	4M	1.2Gb Max	1 day (19h)	MiSeq v2 Micro Reagent Kit (300 cycle)	PE150
N/A	\$ 542	N/A	\$ 640	1M	0.5Gb Max	1 day (28h)	MiSeq v2 Nano Reagent Kit (500cycle)	PE250
N/A	\$ 482	N/A	\$ 569	1M	0.3Gb Max	1 day (17h)	MiSeq v2 Nano Reagent Kit (300 cycle)	PE150

Note: External user cost increment to internal users is 18%; that is lower than other providers (i.e., usually 29%). For bioinformatics analysis, a minimum of \$50 will be charged.

- If a customer sends DNA samples, each sample costs \$30 for internal users and \$36 for external users (See table 1 and 2).
- If a customer sends raw samples, each sample costs \$39 for internal users and \$47 for external users (See table 1 and 2).
- If a customer sends a ready-to-run library, see the flat fee in table 2.
- To run samples only, not waiting to fill up 96 samples for an expedited service, flat fee will be charged (See table 1 and 2).