

16S DNA Sequencing

*Unravelling the microbiome.
Enabling Metagenomics.*

WE OFFER SEVERAL METAGENOMICS SEQUENCING OPTIONS

ILLUMINA 16S METAGENOMIC SEQUENCING OPTIONS	1	2
PRICE (ex VAT)	R1 829.00	R 489.00
READ LENGTH <i>2X 250bp</i>	✓	✓
READS/SAMPLE <i>~100 000 PE</i>	✓	✓
SAMPLE SIZE	Min 10 samples; multiples of 10	Min 100 samples; multiples of 100
INPUT <i>>10ng/μl intact DNA, >20μl; high purity values</i>	✓	✓
OUTPUT <i>FASTQ files. >75% bases with >Q30</i>	✓	✓
TURNAROUND TIME	4 weeks after passing sample QC	6 weeks after passing sample QC

Illumina 16S Metagenomics workflow:

- DNA quality control.
- Amplicon PCR to amplify the variable V3 and V4 regions of the 16S ribosomal RNA gene.
- Attachment of indices and sequencing adapters using a second round of PCR in order to create sequencing libraries.
- Quality control of sequencing libraries.
- Sequencing using the Illumina MiSeq instrument.

If you are interested in other options, please contact us! | Pricing for options included are valid until 31 December 2019

Building a world-class biotech ecosystem. In Africa. For Africa.



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