

RNA Sequencing

*Powering NGS based gene expression profiling.
High quality mRNA sequencing.*

FULL TRANSCRIPTOME SEQUENCING | mRNA-SEQ | SMALL RNA-SEQ

ILLUMINA NEXTSEQ 550 MRNA SEQUENCING OPTIONS	1	2
PRICE (ex VAT)	R5 849.00	R4 849.00
READ LENGTH <i>2X 75bp</i>	✓	✓
READS/SAMPLE <i>~16 million PE</i>	✓	✓
SAMPLE SIZE	Min 8 samples; multiples of 8	Min 24 samples; multiples of 24
INPUT <i>>1µg total RNA, >20µl; RIN>8, high purity values</i>	✓	✓
OUTPUT <i>FASTQ files. >80% bases with >Q30</i>	✓	✓
TURNAROUND TIME <i>3 weeks after passing sample QC</i>	✓	✓

If you are interested in other options please contact us! | *Prices are valid until 31 December 2020

Illumina mRNA-Sequencing workflow:

- RNA quality control.
- Capture of mRNA using PolyA beads.
- Synthesis of cDNA.
- Attachment of indices and sequencing adapters in order to create sequencing libraries.
- Quality control of sequencing libraries.
- Sequencing using a Next Seq 550 instrument.

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



CPGR

CENTRE FOR PROTEOMIC
& GENOMIC RESEARCH

**CENTRE FOR PROTEOMIC
& GENOMIC RESEARCH**

Upper Level, St Peter's Mall
Cnr Anzio and Main Road
Observatory 7925
Cape Town, South Africa

+27 (0) 21 447 5669
info@cpgr.org.za
www.cpgr.org.za