

SAMRC Genomics Platform

Next generation sequencing price list

Platform	Service	Recommended sample input	External excl. VAT	Internal excl. VAT*
	RNA or DNA extraction		R445	R375
	Globin depletion		R1026	R1004
MGI G400	RNA-Seq (includes rRNA depletion, 30M PE reads)	1ug RNA, $\geq$ 12.5ng/ul, RIN $\geq$ 7	R3338	R2809
	Exome sequencing (MGI v5 probes)	1ug gDNA, $\geq$ 12.5ng/ul, DIN $\geq$ 3	R4000	R3440
	Metagenomics sequencing (~100M PE reads per sample)	1ug gDNA, $\geq$ 12.5ng/ul, DIN $\geq$ 3	R4466	R4011
	VirCapSeq (~8M PE reads/sample)		R3724	R3286
ONT	Reduced representation methylation sequencing (RRMS)	2ug gDNA, DIN $\geq$ 3	From R7790**	From R7364**
	Genome sequencing (1 sample per MinION flow cell)	1ug gDNA, DIN $\geq$ 3	R20138	R19196
	Genome sequencing (1 sample per PromethION flow cell)	>1ug gDNA, DIN $\geq$ 3	R28800	R27900

DNBSEQ-T7 Pricing:

Configuration PE150	Samples per flow cell	PE Reads per Sample	Approx. Human Genome Coverage	Cost per Sample (Excl. VAT)	Cost per Run (Excl. VAT)
WGS (96-plex)	96	58M	5.6×	R 2696	R 258,816.00
WGS (72-plex)	72	78M	7.5×	R 3094	R 222,768.00
WGS (64-plex)	64	88M	8.5×	R 3293	R 210,752.00
WGS (56-plex)	56	100M	9.7×	R 3549	R 198,744.00
WGS (48-plex)	48	117M	11×	R 4063	R 195,024.00
WGS (32-plex)	32	175M	16×	R 5122	R 163,904.00
WGS (24-plex)	24	233M	22×	R 6401	R 153,624.00
WGS (16-plex)	16	350M	33×	R 8671	R 138,736.00

*Special internal pricing applies to SAMRC clients paying via internal requisition.

**Price per sample depends on multiplexing strategy

Consultation/quote requests:

Please contact Nadia.carstens@mrc.ac.za or phindile.ngwane@mrc.ac.za for further information or quotations.

Notes on T7 Pricing

MGI DNBSEQ-T7 sequencing is charged per run rather than per sample, allowing us to offer sequencing at the most affordable rate possible. As the cost is based on the full sequencing run, individual samples may not always achieve the requested coverage. Re-runs or top-ups are considered where the overall sample failure rate exceeds 5%.