

NGS services pricelist (valid from 15.04.2021)

these are net prices valid for MDC and Charité users only

If the service you need is not in the list below, please contact seqteam@mdc-berlin.de

QC services

Extra services for NA samples or sequencing libraries	price per sample
Qubit concentration measurement	0,60 €
BioAnalyzer QC	2,45 €
Tapestation QC	2,45 €
* Fragment Analyser QC (11 samples per run)	2,65 €
qPCR concentration measurement (KAPA kit)	3,80 €

* we can run less than 11 samples, but the customer has to pay for the whole run (28.93 Euro)!

Illumina NGS services

sequencing library preparation includes QC of initial samples and resulting libraries	
RNA-Seq applications	price per library
Illumina TruSeq stranded mRNA, <16 samples	72,29 €
Illumina TruSeq stranded mRNA, >16 samples	64,59 €
Illumina TruSeq stranded total RNA library prep with Ribo Zero Gold, <16 samples	136,02 €
Illumina TruSeq stranded total RNA library prep with Ribo Zero Gold, >16 samples	128,32 €
Illumina TruSeq small RNA	100,39 €
NEBNext total RNA	106,98 €
TAKARA SMARTer® Stranded Total RNA-Seq Pico Input, ≤12 samples	113,39 €
TAKARA SMARTer® Stranded Total RNA-Seq Pico Input, 13-48 samples	91,58 €
DNA sequencing applications	price per library
Human exome sequencing: SureSelect XT human All Exon v7	179,44 €
Mouse exome sequencing: SureSelect XT mouse All Exon	177,44 €
Illumina ChIP-Seq	62,91 €

Sequencing services	
iSeq (up to 4 mln reads or read pairs per flowcell)	price per flowcell
iSeq, 300 cycles (longest read - 150 nt)	625,90 €
MiniSeq (up to 25 mln reads or read pairs per flowcell)	price per flowcell
MiniSeq High Output, 1x75	801,74 €
MiniSeq High Output, 1x150	939,97 €
MiniSeq High Output, 2x75	939,97 €
MiniSeq High Output, 2x150	1.503,75 €
MiniSeq Mid Output, 2x150 (up to 8 mln reads or read pairs per flowcell)	536,14 €
NextSeq500 High Output (up to 400 mln reads or read pairs per FC)	price per flowcell
NextSeq500 High Output, 1x75	1.439,57 €
NextSeq500 High Output, 1x150	2.758,68 €
NextSeq500 High Output, 2x75	2.758,68 €
NextSeq500 High Output, 2x150	4.419,42 €
NextSeq500 Mid Output (up to 130 mln reads or read pairs per FC)	price per flowcell
NextSeq500 Mid Output, 1x150	1.049,56 €
NextSeq500 Mid Output, 2x75	1.049,56 €
NextSeq500 Mid Output, 2x150	1.691,35 €

HiSeq4000 (up to 350 mln reads or read pairs per lane, 8 lanes)	price per lane
HiSeq4000, 1x50	835,08 €
HiSeq4000, 2x75	1.527,59 €
HiSeq4000, 1x150	1.241,27 €
HiSeq4000, 2x150	2.149,25 €
NovaSeq 6000, whole FC loading	price per flowcell
NovaSeq 6000 SP (up to 800 mln reads or read pairs per flowcell)	
NovaSeq 6000 SP, v1.5, 100 cycles	2.168,10 €
NovaSeq 6000 SP, v1.5, 200 cycles (longest read - 150 nt)	2.839,10 €
NovaSeq 6000 SP, v1.5, 300 cycles (longest read - 150 nt)	3.096,50 €
NovaSeq 6000 SP, v1.5, 500 cycles (longest read - 250 nt)	4.335,10 €
NovaSeq 6000 S1 (up to 1600 mln reads or read pairs per flowcell)	
NovaSeq 6000 S1, v1.5, 100 cycles	3.974,30 €
NovaSeq 6000 S1, v1.5, 200 cycles (longest read - 150 nt)	5.006,10 €
NovaSeq 6000 S1, v1.5, 300 cycles (longest read - 150 nt)	5.419,70 €
NovaSeq 6000 S2 (up to 4100 mln reads or read pairs per flowcell)	
NovaSeq 6000 S2, v1.5, 100 cycles	7.483,30 €
NovaSeq 6000 S2, v1.5, 200 cycles (longest read - 150 nt)	9.290,60 €
NovaSeq 6000 S2, v1.5, 300 cycles (longest read - 150 nt)	9.909,90 €
NovaSeq 6000 S4 (up to 10000 mln reads or read pairs per flowcell)	
NovaSeq 6000 S4, v1.5, 35 cycles (longest read - 35 nt)	10.838,30 €
NovaSeq 6000 S4, v1.5, 200 cycles (longest read - 150 nt)	12.956,90 €
NovaSeq 6000 S4, v1.5, 300 cycles (longest read - 150 nt)	14.435,30 €
NovaSeq 6000, individual lanes loading	per lane
NovaSeq 6000 SP (up to 400 mln reads or read pairs per lane)	
NovaSeq 6000 SP, v1.5, 100 cycles	1.238,60 €
NovaSeq 6000 SP, v1.5, 200 cycles (longest read - 150 nt)	1.574,10 €
NovaSeq 6000 SP, v1.5, 300 cycles (longest read - 150 nt)	1.702,80 €
NovaSeq 6000 SP, v1.5, 500 cycles (longest read - 250 nt)	2.322,10 €
NovaSeq 6000 S1, 2 lanes (up to 800 mln reads or read pairs per lane)	
NovaSeq 6000 S1, v1.5, 100 cycles	2.141,70 €
NovaSeq 6000 S1, v1.5, 200 cycles (longest read - 150 nt)	2.657,60 €
NovaSeq 6000 S1, v1.5, 300 cycles (longest read - 150 nt)	2.864,40 €
NovaSeq 6000 S2, v1.5, 2 lanes (up to 2000 mln reads or read pairs per lane)	
NovaSeq 6000 S2, v1.5, 100 cycles	3.896,20 €
NovaSeq 6000 S2, v1.5, 200 cycles (longest read - 150 nt)	4.799,85 €
NovaSeq 6000 S2, v1.5, 300 cycles (longest read - 150 nt)	5.109,50 €
NovaSeq 6000 S4, 4 lanes (up to 2500 mln reads or read pairs per lane)	
NovaSeq 6000 S4, v1.5, 35 cycles (longest read - 35 nt)	2.864,13 €
NovaSeq 6000 S4, v1.5, 200 cycles (longest read - 150 nt)	3.393,78 €
NovaSeq 6000 S4, v1.5, 300 cycles (longest read - 150 nt)	3.763,38 €

PacBio NGS services (long read sequencing)

sequencing library preparation includes QC of initial samples and resulting libraries	
Library type	price per library
PacBio amplicon library	140,79 €
PacBio pooled library of N samples	(N x 21.45 + 117.25) €
PacBio ISO-Seq library	258,71 €
PacBio whole genome library	256,62 €

Sequencing services	
SMRTcell loading	price per SMRTcell
Sequel™ SMRT® Cell 1M v2 Tray, 4 cells	712,53 €
Sequel™ SMRT® Cell 1M v2 LR Tray, 4 cells (only for ISO-Seq)	777,15 €
Sequel sequencing	
4-cells run, per SMRTcell	183,34 €
* 4-cells run, per run (for 1,2,3 SMRTcells in a run)	733,35 €

* we can run individual SMRTcells but the customer has to pay for the whole chemistry plate (4 cells)!

Oxford Nanopore NGS services (long read sequencing)

sequencing library preparation includes QC of initial samples and resulting libraries	
Library type	price per library
WGS library, PCR-free, ligation-based	149,64 €
WGS library, PCR-free, ligation-based, up to 12 barcodes	173,38 €
WGS library, PCR-free, transposase-based, up to 12 barcodes	64,63 €
Direct RNA Sequencing Kit	126,57 €

Sequencing services	
PromethION sequencing	price per FC
The PromethION Flow Cell (up to 3000 pores)	1.980,00 €
MinION sequencing	
TheMinION Flow Cell (up to 512 pores)	891,00 €

Single Cell services pricelist

For other assays and custom solutions, please contact Thomas.Conrad@mdc-berlin.de

10X Genomics sequencing library preparation

Single Cell 3' Gene Expression v3.1	
Droplet encapsulation (up to 8 samples on one Chip)	265,13 € per Chip
GEX library preparation per sample	1.418,31 €
3' CellPlex for sample multiplexing (optional)	71,21 €
3' feature barcoding library (optional)	51,05 €

Single Cell 5' Gene Expression v2 + Immune Profiling	
Droplet encapsulation (up to 8 samples on one Chip)	262,53 € per Chip
GEX library preparation per sample	1.418,32 €
Mouse or Human TCR profiling (optional)	76,84 €
Mouse or Human BCR profiling (optional)	76,84 €
3' feature barcoding library (optional)	51,05 €

Single Cell ATAC v1.1	
Droplet encapsulation (up to 8 samples on one Chip)	265,13 € per Chip
ATAC library preparation per sample	1.366,32 €
Single Cell Multiome ATAC + Gene Expression	
Droplet encapsulation (up to 8 samples on one Chip)	262,53 € per Chip
ATAC + GEX library preparation per sample	2.503,36 €
Visium Spatial Transcriptomics	
Tissue Optimization	783 €
Visium library preparation per capture area (minimum 4 required per assay)	1021,76 € (4087,04 €)