

NGS services pricelist (valid from 15.11.2020)

these are net prices valid for MDC and Charite users only

If the service you need is not 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	0,57 €
BioAnalyzer QC	2,46 €
Tapestation QC	2,41 €
* Fragment Analyser QC (11 samples per run)	2,63 €
qPCR concentration measurement (KAPA kit)	3,76 €

* 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	71,33 €
Illumina TruSeq stranded mRNA, >16 samples	63,63 €
Illumina TruSeq stranded total RNA library prep with Ribo Zero Gold, <16 samples	133,80 €
Illumina TruSeq stranded total RNA library prep with Ribo Zero Gold, >16 samples	126,10 €
Illumina TruSeq small RNA	100,39 €
NEBNext total RNA	106,98 €
TAKARA SMARTer® Stranded Total RNA-Seq Pico Input, ≤12 samples	102,48 €
TAKARA SMARTer® Stranded Total RNA-Seq Pico Input, 13-48 samples	88,00 €
DNA sequencing applications	price per library
Human exome sequencing: SureSelect XT human All Exon v7	169,10 €
Mouse exome sequencing: SureSelect XT mouse All Exon	199,19 €
Illumina ChIP-Seq	59,22 €

Sequencing services	
iSeq (up to 4 mln reads or read pairs per flowcell)	price per flowcell
iSeq, 300 cycles (longest read - 150 nt)	612,98 €
MiniSeq (up to 25 mln reads or read pairs per flowcell)	price per flowcell
MiniSeq High Output, 1x75	786,02 €
MiniSeq High Output, 1x150	921,54 €
MiniSeq High Output, 2x75	921,54 €
MiniSeq High Output, 2x150	1.474,26 €
MiniSeq Mid Output, 2x150 (up to 8 mln reads or read pairs per flowcell)	525,62 €
NextSeq500 High Output (up to 400 mln reads or read pairs per FC)	price per flowcell
NextSeq500 High Output, 1x75	1.411,34 €
NextSeq500 High Output, 1x150	2.704,59 €
NextSeq500 High Output, 2x75	2.704,59 €
NextSeq500 High Output, 2x150	4.332,77 €
NextSeq500 Mid Output (up to 130 mln reads or read pairs per FC)	price per flowcell
NextSeq500 Mid Output, 1x150	1.028,98 €
NextSeq500 Mid Output, 2x75	1.028,98 €

NextSeq500 Mid Output, 2x150	1.658,18 €
HiSeq4000 (up to 350 mln reads or read pairs per lane, 8 lanes)	price per lane
HiSeq4000, 1x50	818,71 €
HiSeq4000, 2x75	1.497,63 €
HiSeq4000, 1x150	1.216,93 €
HiSeq4000, 2x150	2.107,11 €
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)	13.341,90 €
NovaSeq 6000 S4, v1.5, 300 cycles (longest read - 150 nt)	14.435,30 €
NovaSeq 6000, individual lanes loading	price 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)	3.490,03 €
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 €