

| Sequenziamento Illumina Platforms | Single-end Reads | Paired-end Reads | Output | Costo Sequenziamento |
|---|------------------|------------------|--------------|----------------------|
| MiSeq Reagent Nano Kit v2 (300-cycles) | 1M | 2M | 300Mb | 428,95€ |
| MiSeq Reagent Nano Kit v2 (500-cycles) | | | 500Mb | 514,05€ |
| MiSeq Reagent Micro Kit v2 (300-cycles) | 4M | 8M | 1,2Gb | 646,30€ |
| MiSeq Reagent Kit v2 Standard (50-cycles) | 12-15M | 24-30M | 750-8850Mb | 1.200,60€ |
| MiSeq Reagent Kit v2 Standard (300-cycles) | | | 4.5-5.1Gb | 1.537,55€ |
| MiSeq Reagent Kit v2 Standard (500-cycles) | | | 7.5-8.5Gb | 1.729,60€ |
| MiSeq Reagent Kit v3 Standard (150-cycle) | 22-25M | 44-50M | 3.3-3.8Gb | 1.334,00€ |
| MiSeq Reagent Kit v3 Standard (600-cycle) | | | 13.2-15Gb | 2.249,40€ |
| NextSeq 500/550 Mid Output v2.5 Kit (150 cycles) | Up to 130M | Up to 260M | 16.25-19.5Gb | 1.589,30€ |
| NextSeq 500/550 Mid Output v2.5 Kit (300 cycles) | | | 32.5-39Gb | 2.559,90€ |
| NextSeq 500/550 High Output Kit v2.5 (75 Cycles) | Up to 400M | Up to 800M | 25-30Gb | 2.134,40€ |
| NextSeq 500/550 High Output Kit v2.5 (150 Cycles) | | | 50-60Gb | 4.169,90€ |
| NextSeq 500/550 High Output Kit v2.5 (300 Cycles) | | | 100-120Gb | 6.551,55€ |
| NovaSeq 6000 SP Reagent Kit v1.5 (100 cycles) | 650-800Mb | 1.3-1.6B | 65-80Gb | 3.218,85€ |
| NovaSeq 6000 SP Reagent Kit v1.5 (200 cycles) | | | 134-167Gb | 4.210,15€ |
| NovaSeq 6000 SP Reagent Kit v1.5 (300 cycles) | | | 200-250Gb | 4.797,80€ |
| NovaSeq 6000 SP Reagent Kit v1.5 (500 cycles) | | | 325-400Gb | 6.707,95€ |
| NovaSeq 6000 S1 Reagent Kit v1.5 (100 cycles) | 1.3-1.6B | 2.6-3.2B | 134-167Gb | 5.791,40€ |
| NovaSeq 6000 S1 Reagent Kit v1.5 (200 cycles) | | | 266-333Gb | 7.240,40€ |
| NovaSeq 6000 S1 Reagent Kit v1.5 (300 cycles) | | | 400-500Gb | 8.096,00€ |
| NovaSeq 6000 S2 Reagent Kit v1.5 (100 cycles) | 3.3-4.1B | 6.6-8.2B | 333-417Gb | 9.387,00€ |
| NovaSeq 6000 S2 Reagent Kit v1.5 (200 cycles) | | | 667-833Gb | 13.426,25€ |
| NovaSeq 6000 S2 Reagent Kit v1.5 (300 cycles) | | | 1000-1250Gb | 14.343,95€ |
| NovaSeq 6000 S4 Reagent Kit v1.5 (35 cycles) | 8-10B | 16-20B | 280-350Gb | 14.056,45€ |
| NovaSeq 6000 S4 Reagent Kit v1.5 (200 cycles) | | | 1600-2000Gb | 18.391,95€ |
| NovaSeq 6000 S4 Reagent Kit v1.5 (300 cycles) | | | 2400-3000Gb | 20.414,80€ |

M= total milion reads
B= total Billion reads

| Sequenziamento Nanopore Platforms | Output | Costo Sequenziamento | Costo Library Prep* |
|-----------------------------------|-----------|----------------------|---------------------|
| MinION Flow Cell R10.4.1 | up to 5Gb | 764,75€ | 193,28€ |

| Library preparation ^{[1][2]} | Costo* | scRNA library preparation* | Costo |
|---------------------------------------|---------|---|-------------------------|
| Library prep Microbiome | 24,17€ | Parse -Evercode™ Whole Transcriptome Mega Starter | 905,17€ |
| Library prep WGS | 56,55€ | GEXSCOPE® Single Cell RNA | 1.559,98€ |
| Library prep RNAseq or mRNAseq | 96,90€ | 10X Genomics Single Cell Gene Expression (3') | 2415,00€ |
| Library prep smRNA | 119,37€ | 10X Genomics Single Cell Immune Profiling (5') | preventivo su richiesta |
| Library prep miRNA | 207,00€ | Altri Servizi | Costo |
| Library prep ncRNAs | 100,05€ | Fragment Analyzer** | 46,00€ |
| Library prep total SNPs Assay | 56,55€ | Sanger Sequencing* | 20,18€ |

[1] Possibilità di richiedere kit alternativi per la preparazione delle libraries.
[2] Servizio di estrazione acidi nucleici su richiesta.

| Analisi Bioinformatiche | Su richiesta |
|-------------------------|--------------|
|-------------------------|--------------|

*Il prezzo è per campione.

**Il prezzo è per un minimo di 11 campioni a corsa. Reagenti inclusi. QC report.

Il Polo GGB è anche su MEPA per Servizi Supporto Specialistico con i seguenti codici CPV:

- 79311000-7 servizi di indagine (per analisi bioinformatiche)
- 7931200-9 servizi di esecuzione di indagine (per NGS)

Per contatti rivolgersi al Servizio Customer del **Polo d'Innovazione Genomica Genetica e Biologia Srl.**

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