PRICING

PRIMORSKY AQUARIUM SEF SERVICES[[1]](#footnote-1)

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| TYPE OF SERVICE | EQUIPMENT NEEDED | ITEM | PRICE, ₽, incl. 20% VAT |
| Horizontal agarose gel electrophoresis for separating nucleic acids | * Liston A1110 Water Distiller * BioSan WB-4MS Stirred Water Bath * SevenCompact pH/Ion meter S220-Kit (Mettler Toledo) * ViBRA AJH-220CE Balance * IKA big squid IKAMAG white Magnetic Stirrer * Millipore Milli-Q Direct 8 Water Purification System * Bio-Rad ChemiDoc MP Imaging System With Universal Hood III | Service | 7400 |
| Paraffin Section Preparation | * ED 115 Drying and Heating Chambers (Binder) * Liston A1110 Water Distiller * ViBRA AJH-220CE Balance * HM 340E Electronic Rotary Microtome (Thermo Fisher Scientifiс) * E65D/230 Digital Section Flotation Bath (Thermo Fisher Scientifiс) * Medax Heating Table | Service | 1600 |
| Cryo-EM (electron microscopy) sample preparation | * ED 115 Drying and Heating Chambers (Binder) * Liston A1110 Water Distiller * ViBRA AJH-220CE Balance * Leica CM1950 Cryostat | Service | 5200 |
| Freeze-drying (lyophilization) of biological samples | FreeZone 6 Liter Benchtop Freeze Dryer | Service | 4100 |
| Equipment cost per hour | 23 |
| Mammalian tumor cell cultivation | * BMB-II Laminar-S 1.5 NEOTERIC Laminar Flow Clean Bench * Sanyo MCO-18AIC CO2 Incubator * Beckman Coulter Allegra X-30R refrigerated benchtop centrifuge * Carl Zeiss™ Axio Vert A1 Inverted Microscope * LUNA-FL Cell Counter (Logos Biosystems) * Planer Kryo 360 Controlled Rate Freezer | Service | 18,820 |
| Phytoplankton sample analysis | * Carl Zeiss Axio Imager A2 Fluorescent Microscope * Liston A1110 Water Distiller * Samsung RB37J5240SS Refrigerator | Service | 7500 |
| Subculturing the clonal cultures of microalgae | * SANYO MLS-3781L Autoclave * Liston A1110 Water Distiller * BMB-II Laminar-S 1.5 NEOTERIC Laminar Flow Clean Bench * ViBRA AJH-220CE Balance * Laboratory Glassware Washer G 7883 CD (Miele) | Service | 4010 |
| Subculturing one clone | 47 |
| Isolation of clonal cultures of microalgae | * SANYO MLS-3781L Autoclave * Liston A1110 Water Distiller * BMB-II Laminar-S 1.5 NEOTERIC Laminar Flow Clean Bench * ViBRA AJH-220CE Balance * Carl Zeiss™ Axio Vert A1 Inverted Microscope * Sartorius mechanical pipette | Service | 30,000 |
| Sample preparation for SEM (scanning electron microscopy) | Sartorius mechanical pipette | Service | 6000 |
| Laemmli sodium dodecyl sulfate-polyacrylamide gel electrophoresis (SDS-PAGE) | * ED 115 Drying and Heating Chambers (Binder) * SevenCompact pH/Ion meter S220-Kit (Mettler Toledo) * ViBRA AJH-220CE Balance * IKA big squid IKAMAG white Magnetic Stirrer * BioSan WB-4MS Stirred Water Bath (at 95°C) * Eppendorf Centrifuge 5427 R * Sartorius Mline® single channel mechanical pipette (20-200 mcL, Item No. 725060) * Sub Cell GT Electrophoresis Cell (15x20 cm) * HV electrophoresis power supply (Bio-Rad) * Biosan MR-1 Mini-Rocker Shaker * Bio-Rad ChemiDoc MP Imaging System With Universal Hood III * Imaging workstation with gel image analysis software | Service | 19,500 |

USE OF PRIMORSKY AQUARIUM SEF EQUIPMENT[[2]](#footnote-2)

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| EQUIPMENT | PRICE, ₽ per hour, incl. 20% VAT |
| Shimadzu UV-2600 spectrophotometer | 4050 |
| Shimadzu UV-1800 spectrophotometer | 4030 |
| ECROSKHIM PE-5400UV spectrophotometer | 3620 |
| Bio-Rad xMark microplate absorbance spectrophotometer | 4720 |
| Thermo Fisher Scientific Invitrogen Qubit 3.0 fluorometer | 1420 |
| Bio-Rad ChemiDoc MP imaging system with Universal Hood III | 1400 |
| Bio-Rad GS-900 calibrated densitometer | 1500 |
| Daihan Scientific WiseClean WUC-A03H analog ultrasonic cleaner | 300 |
| BioSan WB-4MS stirred water bath | 300 |
| SevenCompact pH/Ion meter S220-Kit (Mettler Toledo) | 200 |
| IKA ULTRA-TURRAX T 18 digital disperser package | 200 |
| Bio-Rad CFX96 Touch Real-Time PCR detection system | 1450 |
| Bio-Rad C1000 Touch thermal cycler | 1450 |
| Eppendorf Concentrator plus | 1925 |
| Beckman Coulter CytoFLEX flow cytometer | 2500 |
| IKA-Werke Vortex MS 3 Basic orbital shaker | 1365 |
| Eppendorf MiniSpin plus centrifuge | 1375 |
| IKA big squid IKAMAG white magnetic stirrer | 1360 |
| Binder BD 53 incubator with gravity convection and RS422 interface | 150 |
| Beckman Coulter Allegra X-30R centrifuge | 1400 |
| ViBRA AJH-220CE balance | 1400 |
| Thermo Fisher Scientific HM 340E electronic rotary microtome | 1850 |
| Leica CM1950 cryostat | 1850 |
| Thermo Fisher Scientific digital section mounting bath E65D/230 | 1450 |
| Medax heating table | 1385 |
| IKA C-MAG HS 7 IKAMAG Package magnetic stirrer | 1375 |
| IKA Lab Disc IKAMAG ultraflat magnetic stirrer | 1375 |
| Beckman Avanti J-E high performance centrifuge | 1375 |
| IKA-Werke Vortex MS 3 Digital orbital shaker | 1365 |
| IKA-Werke Vortex mixer MV-3, ELMI | 1360 |
| Eppendorf ThermoMixer Comfort laboratory mixer | 1400 |
| IKA Lab Dancer test tube shaker | 1360 |
| A&D Company GH-252 analytical balance | 1385 |
| Daihan Scientific hotplate stirrer MSH-30D-Set | 1380 |
| Carl Zeiss LSM 800 confocal laser scanning microscope | 3000 |
| Carl Zeiss Axio Imager A2 fluorescent microscope | 2000 |
| Carl Zeiss Axio Vert A1 FL-LED inverted microscope | 2000 |
| Carl Zeiss Axio Lab A1 microscope | 2000 |
| Carl Zeiss Axio Observer. Z1 inverted microscope | 2000 |
| Carl Zeiss Axio Scope A1 (K1) microscope | 1500 |
| Carl Zeiss Axio Scope A1 (K2) microscope | 1500 |
| CONSUMABLES | PRICE, ₽ per unit, incl. 20% VAT |
| Liston A1110 water distiller | 60/1 L of distilled water |
| Millipore Milli-Q Direct 8 water purification system | 800/1 L of ultrapure water |

1. Introduced by Order No. 162 of the NSCMB FEB RAS of 31 August, 2023. [↑](#footnote-ref-1)
2. Introduced by Order No. 163 of the NSCMB FEB RAS of 31 August, 2023. [↑](#footnote-ref-2)