

Price list 2022 semi-service techniques and analyses

The Laboratory of Molecular Genetics is a semi-service workplace, providing users with instruments and material equipment. Laboratory plastic is available for users, which is charged according to the price list and based on users consumption, unless otherwise specified in the price list. The chemicals and kits needed for individual analyzes are purchased by laboratory users independently from their own resources.

PCR (only plastic)

1 reaction 5 Kč

Electrophoresis (total price including chemicals)

1% mini agarose gel with EthBr 35 Kč

1% midi agarose gel with EthBr 50 Kč

1% maxi agarose gel with EthBr 70 Kč

2% mini agarose gel with EthBr 45 Kč

2% midi agarose gel with EthBr 70 Kč

2% maxi agarose gel with EthBr 90 Kč

(price for dye and ladder 50 - 1000 bp or 100 - 1000 bp included)

Tissue disruption

Plastic and glass beads 4 Kč

Plastic and steel beads 10 Kč

DNA extraction

Extraction with CTAB (chemistry and plastic) 33 Kč

Extraction on column (only plastic) 10 Kč

Extraction with TRIS buffer by Truett "hot shot" (chemicals and plastic) 6 Kč

Measuring DNA concentration

Nanodrop / 1 sample 1 Kč

Qubit (chemicals and plastic) /8 samples 330 Kč

Sonication

DNA 100 µl / 1 sample 15 Kč

DNA 5-50 µl / 1 sample 45 Kč

Purification with magnetic beads AMPure

8 samples 140 Kč

Purification gDNA with column

1 sample 70 Kč

Sanger Sequencing (include PCR products purification)

8 samples 736 Kč

Fragmentation analysis (include internal standard LIZ500)

8 samples 400 Kč

Preparation RAD 54	6 300 Kč
Include plastic, DNA concentration measurement, sonication, electrophoresis, purification, SPRI size selection	
Preparation RAD 96	6 800 Kč
Include plastic, DNA concentration measurement, sonication, electrophoresis, purification, SPRI size selection	
Preparation libraries - 24 samples with NEB Next II. (without kit)	8 605 Kč
Include plastic, DNA concentration measurement, sonication, electrophoresis, purification with column and with AMPure, SPRI size selection	
Hybridization with My Baits (without kit)	212 Kč
Include plastic, concentration measurement, AMPure purification	
Consumables	
1,5 a 2 ml tubes	2 Kč
tips without filter	1 Kč
tips with filter	4 Kč
Paper boxes (81x1,5 ml)	130 Kč
PCR plate 96	100 Kč
Foil for plate 96	40 Kč
Lids eppendorf 96 plate	300 Kč
ethanol 10 ml	70 Kč