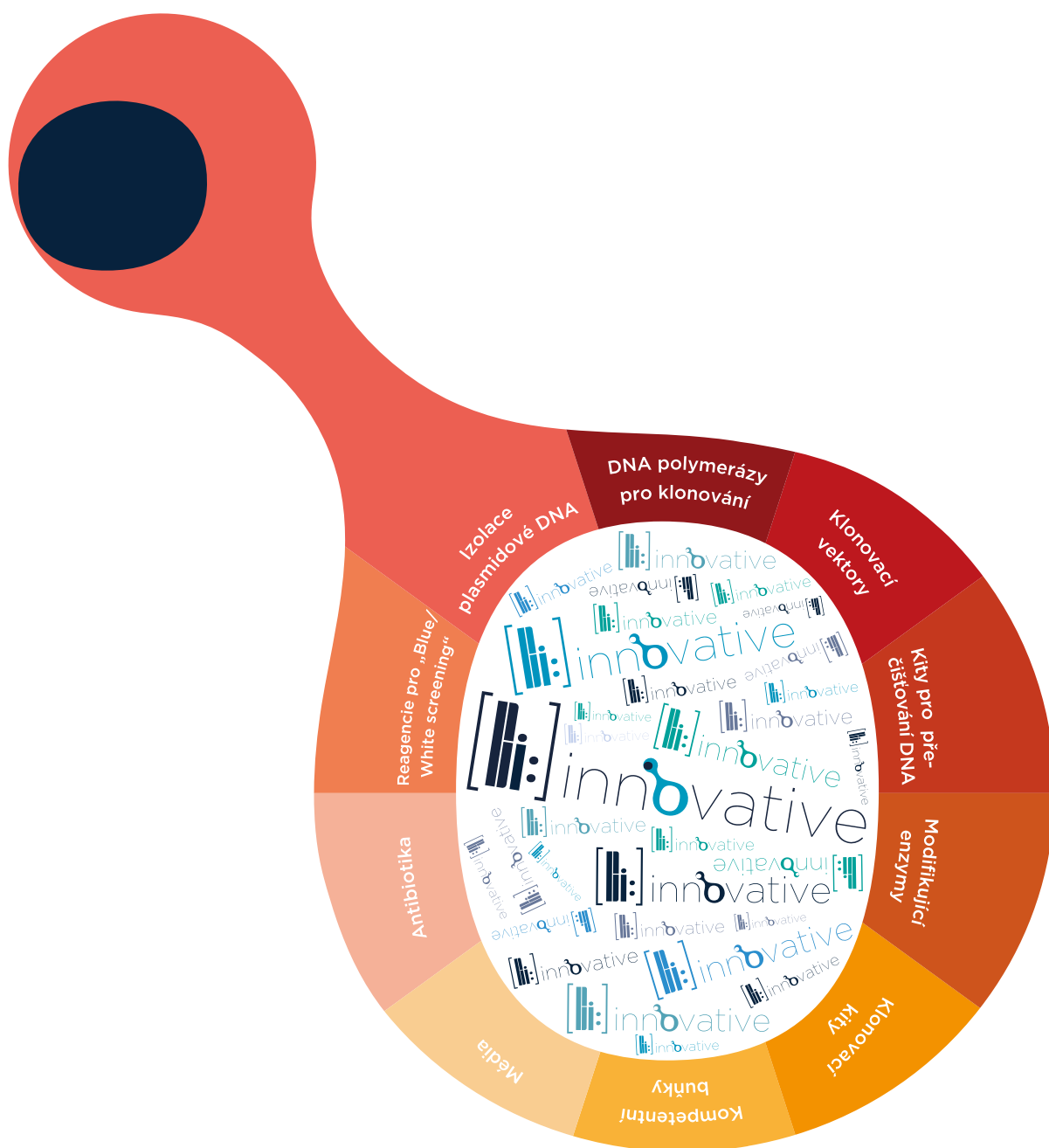




# Bionavigátor

## klonování



# 213

restrikčních enzymů  
a jediný **CutSmart Buffer**



# Obsah

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# 1. DNA polymerázy pro klonování

## 1.1 Q5 High-Fidelity DNA Polymerase

| Kat. č. | Specifikace                               | Balení  | Cena      | Cena/<br>reakce* |
|---------|-------------------------------------------|---------|-----------|------------------|
| M0491S  | Q5 High-Fidelity DNA Polymerase           | 100 U   | 3 100 Kč  | 12,40 Kč         |
| M0491L  | Q5 High-Fidelity DNA Polymerase           | 500 U   | 13 810 Kč | 11,05 Kč         |
| M0493S  | Q5 Hot Start High-Fidelity DNA Polymerase | 100 U   | 3 640 Kč  | 14,56 Kč         |
| M0493L  | Q5 Hot Start High-Fidelity DNA Polymerase | 500 U   | 16 500 Kč | 13,20 Kč         |
| M0492S  | Q5 High-Fidelity 2X Master Mix            | 100 rxn | 5 050 Kč  | 20,20 Kč         |
| M0492L  | Q5 High-Fidelity 2X Master Mix            | 500 rxn | 20 200 Kč | 16,16 Kč         |
| M0494S  | Q5 Hot Start High-Fidelity 2X Master Mix  | 100 rxn | 5 900 Kč  | 23,60 Kč         |
| M0494L  | Q5 Hot Start High-Fidelity 2X Master Mix  | 500 rxn | 23 570 Kč | 18,86 Kč         |
| E0555S  | Q5 High-Fidelity PCR Kit                  | 50 rxn  | 3 030 Kč  | 24,24 Kč         |
| E0555L  | Q5 High-Fidelity PCR Kit                  | 200 rxn | 10 270 Kč | 20,54 Kč         |

\* 20 µl, dle koncentrace doporučené v manuálu daného produktu

## 1.2 OneTaq DNA Polymerase

| Kat. č. | Specifikace                                                    | Balení    | Cena      | Cena/<br>reakce* |
|---------|----------------------------------------------------------------|-----------|-----------|------------------|
| M0480S  | OneTaq DNA Polymerase                                          | 200 U     | 1 280 Kč  | 3,20 Kč          |
| M0480L  | OneTaq DNA Polymerase                                          | 1 000 U   | 5 120 Kč  | 2,56 Kč          |
| M0480X  | OneTaq DNA Polymerase                                          | 5 000 U   | 20 200 Kč | 2,02 Kč          |
| M0481S  | OneTaq Hot Start DNA Polymerase                                | 200 U     | 2 630 Kč  | 6,58 Kč          |
| M0481L  | OneTaq Hot Start DNA Polymerase                                | 1 000 U   | 10 510 Kč | 5,26 Kč          |
| M0481X  | OneTaq Hot Start DNA Polymerase                                | 5 000 U   | 42 010 Kč | 4,20 Kč          |
| M0509S  | OneTaq Quick-Load DNA Polymerase                               | 100 U     | 680 Kč    | 3,40 Kč          |
| M0509L  | OneTaq Quick-Load DNA Polymerase                               | 500 U     | 2 700 Kč  | 2,70 Kč          |
| M0509X  | OneTaq Quick-Load DNA Polymerase                               | 2 500 U   | 12 630 Kč | 2,53 Kč          |
| M0482S  | OneTaq 2X Master Mix with Standard Buffer                      | 100 rxn   | 1 280 Kč  | 5,12 Kč          |
| M0482L  | OneTaq 2X Master Mix with Standard Buffer                      | 500 rxn   | 5 120 Kč  | 4,10 Kč          |
| M0483S  | OneTaq 2X Master Mix with GC Buffer                            | 100 rxn   | 1 280 Kč  | 5,12 Kč          |
| M0483L  | OneTaq 2X Master Mix with GC Buffer                            | 500 rxn   | 5 120 Kč  | 4,10 Kč          |
| M0487S  | OneTaq Quick-Load 2X Master Mix with GC Buffer                 | 100 rxn   | 1 320 Kč  | 5,28 Kč          |
| M0487L  | OneTaq Quick-Load 2X Master Mix with GC Buffer                 | 500 rxn   | 5 260 Kč  | 4,21 Kč          |
| M0487X  | OneTaq Quick-Load 2X Master Mix with GC Buffer                 | 2 500 rxn | 23 230 Kč | 3,72 Kč          |
| M0486S  | OneTaq Quick-Load 2X Master Mix with Standard Buffer           | 100 rxn   | 1 320 Kč  | 5,28 Kč          |
| M0486L  | OneTaq Quick-Load 2X Master Mix with Standard Buffer           | 500 rxn   | 5 260 Kč  | 4,21 Kč          |
| M0486X  | OneTaq Quick-Load 2X Master Mix with Standard Buffer           | 2 500 rxn | 23 230 Kč | 3,72 Kč          |
| M0485S  | OneTaq Hot Start 2X Master Mix with GC Buffer                  | 100 rxn   | 2 190 Kč  | 8,76 Kč          |
| M0485L  | OneTaq Hot Start 2X Master Mix with GC Buffer                  | 500 rxn   | 9 030 Kč  | 7,22 Kč          |
| M0484S  | OneTaq Hot Start 2X Master Mix with Standard Buffer            | 100 rxn   | 2 190 Kč  | 8,76 Kč          |
| M0484L  | OneTaq Hot Start 2X Master Mix with Standard Buffer            | 500 rxn   | 9 030 Kč  | 7,22 Kč          |
| M0488S  | OneTaq Hot Start Quick-Load 2X Master Mix with Standard Buffer | 100 rxn   | 2 290 Kč  | 9,16 Kč          |
| M0488L  | OneTaq Hot Start Quick-Load 2X Master Mix with Standard Buffer | 500 rxn   | 9 360 Kč  | 7,49 Kč          |
| M0489S  | OneTaq Hot Start Quick-Load 2X Master Mix with GC Buffer       | 100 rxn   | 2 290 Kč  | 9,16 Kč          |
| M0489L  | OneTaq Hot Start Quick-Load 2X Master Mix with GC Buffer       | 500 rxn   | 9 360 Kč  | 7,49 Kč          |

\* 20 µl, dle koncentrace doporučené v manuálu daného produktu

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## 2. Klonovací vektory

| Kat. č. | Specifikace                 | Balení | Cena      |
|---------|-----------------------------|--------|-----------|
| N3033S  | pBR322 Vector               | 50 µg  | 2 360 Kč  |
| N3033L  | pBR322 Vector               | 250 µg | 9 430 Kč  |
| N3041S  | pUC19 Vector                | 50 µg  | 2 360 Kč  |
| N3041L  | pUC19 Vector                | 250 µg | 9 430 Kč  |
| N3021S  | ΦX174 RF I DNA              | 30 µg  | 2 360 Kč  |
| N3021L  | ΦX174 RF I DNA              | 150 µg | 9 430 Kč  |
| N3022L  | ΦX174 RF II DNA             | 150 µg | 9 430 Kč  |
| N3023S  | ΦX174 Virion DNA            | 50 µg  | 2 600 Kč  |
| N3023L  | ΦX174 Virion DNA            | 250 µg | 10 370 Kč |
| N3742S  | pKLAC2 Vector               | 20 µg  | 11 110 Kč |
| N4018S  | M13mp18 RF I DNA            | 10 µg  | 2 800 Kč  |
| N4040S  | M13mp18 Single-stranded DNA | 10 µg  | 1 250 Kč  |
| N6707S  | pTXB1 Vector DNA            | 10 µg  | 3 570 Kč  |
| N6709S  | pTYB21 Vector               | 10 µg  | 3 570 Kč  |
| N6951S  | pTWIN1 Vector DNA           | 10 µg  | 3 440 Kč  |
| N8081S  | pCMV-GLuc 2 Control Plasmid | 20 µg  | 10 370 Kč |
| N8082S  | pGLuc-Basic 2 Vector        | 20 µg  | 10 240 Kč |
| N8084S  | pTK-GLuc Vector             | 20 µg  | 10 040 Kč |
| N8108S  | pMAL-c5X Vector             | 10 µg  | 3 710 Kč  |
| N8109S  | pMAL-p5X Vector             | 10 µg  | 3 570 Kč  |
| N9181S  | pSNAP-tag(T7)-2 Vector      | 20 µg  | 5 290 Kč  |
| N9183S  | pSNAPf Vector               | 20 µg  | 5 290 Kč  |
| N9215S  | pCLIPf Vector               | 20 µg  | 5 290 Kč  |

## 3. Kity pro přečišťování DNA

| Kat. č.    | Specifikace                     | Balení         | Cena      | Cena/<br>izolace |
|------------|---------------------------------|----------------|-----------|------------------|
| 740609.50  | NucleoSpin Gel and PCR Clean-up | 50 izolací     | 2 460 Kč  | 49,20 Kč         |
| 740609.250 | NucleoSpin Gel and PCR Clean-up | 250 izolací    | 10 960 Kč | 43,84 Kč         |
| 740587.10  | NucleoTraPCR                    | 10 izolací     | 800 Kč    | 80,00 Kč         |
| 740587     | NucleoTraPCR                    | 100 izolací    | 4 060 Kč  | 40,60 Kč         |
| 740668     | NucleoSpin 8 PCR Clean-up       | 12 x 8 izolací | 5 820 Kč  | 60,63 Kč         |
| 740668.5   | NucleoSpin 8 PCR Clean-up       | 60 x 8 izolací | 25 990 Kč | 54,15 Kč         |
| 740230.50  | NucleoSpin gDNA Clean-up        | 50 izolací     | 2 980 Kč  | 59,60 Kč         |
| 740230.250 | NucleoSpin gDNA Clean-up        | 250 izolací    | 13 300 Kč | 53,20 Kč         |
| 740904.50  | NucleoSpin gDNA Clean-up XS     | 50 izolací     | 3 140 Kč  | 62,80 Kč         |
| 740904.250 | NucleoSpin gDNA Clean-up XS     | 250 izolací    | 14 000 Kč | 56,00 Kč         |

# NucleoSpin Gel and PCR Clean-up

**Vysoké výtěžky pro všechny velikosti fragmentů**



## 4. Modifikující enzymy

### 4.1 „Blunting/End-repair“

| Kat. č. | Specifikace                                     | Balení   | Koncentrace | Cena      |
|---------|-------------------------------------------------|----------|-------------|-----------|
| M0371S  | Shrimp Alkaline Phosphatase (rSAP)              | 500 U    | 1 000 U/ml  | 2 020 Kč  |
| M0371L  | Shrimp Alkaline Phosphatase (rSAP)              | 2 500 U  | 1 000 U/ml  | 8 080 Kč  |
| M0371X  | Shrimp Alkaline Phosphatase (rSAP)              | 12 500 U | 1 000 U/ml  | 32 720 Kč |
| M0290S  | Alkaline Phosphatase, Calf Intestinal (CIP)     | 1 000 U  | 10 000 U/ml | 2 360 Kč  |
| M0290L  | Alkaline Phosphatase, Calf Intestinal (CIP)     | 5 000 U  | 10 000 U/ml | 9 430 Kč  |
| E1201S  | Quick Blunting Kit                              | 20 rxn   |             | 2 800 Kč  |
| E1201L  | Quick Blunting Kit                              | 100 rxn  |             | 11 180 Kč |
| E0542S  | Quick Blunting and Quick Ligation Kits          | 20 rxn   |             | 5 360 Kč  |
| E0542L  | Quick Blunting and Quick Ligation Kits          | 100 rxn  |             | 21 410 Kč |
| M0508S  | Quick Dephosphorylation Kit                     | 100 rxn  |             | 2 290 Kč  |
| M0508L  | Quick Dephosphorylation Kit                     | 500 rxn  |             | 9 160 Kč  |
| M0367S  | Blunt/TA Ligase Master Mix                      | 50 rxn   |             | 3 340 Kč  |
| M0367L  | Blunt/TA Ligase Master Mix                      | 250 rxn  |             | 13 330 Kč |
| M0212S  | Klenow Fragment (3'→5' exo-)                    | 200 U    | 5 000 U/ml  | 2 130 Kč  |
| M0212L  | Klenow Fragment (3'→5' exo-)                    | 1 000 U  | 5 000 U/ml  | 8 490 Kč  |
| M0212M  | Klenow Fragment (3'→5' exo-)                    | 1 000 U  | 50 000 U/ml | 8 490 Kč  |
| M0210S  | DNA Polymerase Large Fragment (Klenow)          | 200 U    | 5 000 U/ml  | 2 130 Kč  |
| M0210L  | DNA Polymerase Large Fragment (Klenow)          | 1 000 U  | 5 000 U/ml  | 8 490 Kč  |
| M0210M  | DNA Polymerase Large Fragment (Klenow)          | 1 000 U  | 50 000 U/ml | 8 490 Kč  |
| M0201S  | T4 Polynucleotide Kinase                        | 500 U    | 10 000 U/ml | 1 960 Kč  |
| M0201L  | T4 Polynucleotide Kinase                        | 2 500 U  | 10 000 U/ml | 7 810 Kč  |
| M0289S  | Antarctic Phosphatase                           | 1 000 U  | 5 000 U/ml  | 2 190 Kč  |
| M0289L  | Antarctic Phosphatase                           | 5 000 U  | 5 000 U/ml  | 8 760 Kč  |
| M0250S  | Mung Bean Nuclease                              | 1 500 U  | 10 000 U/ml | 2 190 Kč  |
| M0250L  | Mung Bean Nuclease                              | 7 500 U  | 10 000 U/ml | 8 760 Kč  |
| M0236S  | T4 Polynucleotide Kinase (3' phosphatase minus) | 200 U    | 10 000 U/ml | 3 740 Kč  |
| M0236L  | T4 Polynucleotide Kinase (3' phosphatase minus) | 1 000 U  | 10 000 U/ml | 14 950 Kč |
| M5505S  | USER Enzyme                                     | 50 U     | 1 000 U/ml  | 2 390 Kč  |
| M5505L  | USER Enzyme                                     | 250 U    | 1 000 U/ml  | 9 560 Kč  |
| M0392S  | Beta Agarase I                                  | 100 U    | 1 000 U/ml  | 2 630 Kč  |
| M0392L  | Beta Agarase I                                  | 500 U    | 1 000 U/ml  | 10 510 Kč |

## NEBuilder HiFi DNA Assembly Cloning Kit

**Zaklonujte více fragmentů DNA  
do jednoho vektoru**



[nebuilder.neb.com](https://nebuilder.neb.com)



## 4. Modifikující enzymy

### 4.2 DNA ligázy

| Kat. č. | Specifikace                          | Balení    | Koncentrace    | Cena      |
|---------|--------------------------------------|-----------|----------------|-----------|
| M0202S  | T4 DNA Ligase                        | 20 000 U  | 400 000 U/ml   | 2 290 Kč  |
| M0202L  | T4 DNA Ligase                        | 100 000 U | 400 000 U/ml   | 9 160 Kč  |
| M0202T  | T4 DNA Ligase                        | 20 000 U  | 2 000 000 U/ml | 2 290 Kč  |
| M0202M  | T4 DNA Ligase                        | 100 000 U | 2 000 000 U/ml | 9 160 Kč  |
| M0203S  | T4 DNA Polymerase                    | 150 U     | 3 000 U/ml     | 2 160 Kč  |
| M0203L  | T4 DNA Polymerase                    | 750 U     | 3 000 U/ml     | 8 620 Kč  |
| M2200S  | Quick Ligation Kit                   | 30 rxn    |                | 3 340 Kč  |
| M2200L  | Quick Ligation Kit                   | 150 rxn   |                | 13 330 Kč |
| M0370S  | Instant Sticky-end Ligase Master Mix | 50 rxn    | 2X             | 3 340 Kč  |
| M0370L  | Instant Sticky-end Ligase Master Mix | 250 rxn   | 2X             | 13 330 Kč |
| M0238S  | 9°N DNA Ligase                       | 2 500 U   | 40 000 U/ml    | 2 660 Kč  |
| M0238L  | 9°N DNA Ligase                       | 12 500 U  | 40 000 U/ml    | 10 640 Kč |
| M0317S  | T3 DNA Ligase                        | 100 000 U | 3 000 000 U/ml | 2 260 Kč  |
| M0317L  | T3 DNA Ligase                        | 750 000 U | 3 000 000 U/ml | 9 030 Kč  |
| M0318S  | T7 DNA Ligase                        | 100 000 U | 3 000 000 U/ml | 2 260 Kč  |
| M0318L  | T7 DNA Ligase                        | 750 000 U | 3 000 000 U/ml | 9 030 Kč  |
| M0369S  | ElectroLigase                        | 50 rxn    |                | 4 040 Kč  |
| M0375S  | SplintR Ligase                       | 1 250 U   | 25 000 U/ml    | 3 170 Kč  |
| M0375L  | SplintR Ligase                       | 6 250 U   | 25 000 U/ml    | 14 240 Kč |
| M0205S  | <i>E. coli</i> DNA Ligase            | 200 U     | 10 000 U/ml    | 2 060 Kč  |
| M0205L  | <i>E. coli</i> DNA Ligase            | 1 000 U   | 10 000 U/ml    | 8 220 Kč  |
| M0208S  | <i>Taq</i> DNA Ligase                | 2 000 U   | 40 000 U/ml    | 2 660 Kč  |
| M0208L  | <i>Taq</i> DNA Ligase                | 10 000 U  | 40 000 U/ml    | 10 640 Kč |

## 5. Klonovací kity

| Kat. č. | Specifikace                                                | Balení  | Cena      | Cena/<br>reakce |
|---------|------------------------------------------------------------|---------|-----------|-----------------|
| E2623S  | NEBuilder HiFi DNA Assembly Bundle for Large Fragments     | 20 rxn  | 16 770 Kč | 838,50 Kč       |
| E5520S  | NEBuilder HiFi DNA Assembly Cloning Kit                    | 10 rxn  | 6 400 Kč  | 640,00 Kč       |
| E2621S  | NEBuilder HiFi DNA Assembly Master Mix                     | 10 rxn  | 5 460 Kč  | 546,00 Kč       |
| E2621L  | NEBuilder HiFi DNA Assembly Master Mix                     | 50 rxn  | 21 820 Kč | 436,40 Kč       |
| E2621X  | NEBuilder HiFi DNA Assembly Master Mix                     | 250 rxn | 87 150 Kč | 348,60 Kč       |
| E2611L  | Gibson Assembly Master Mix                                 | 50 rxn  | 21 820 Kč | 436,40 Kč       |
| E2611S  | Gibson Assembly Master Mix                                 | 10 rxn  | 5 460 Kč  | 546,00 Kč       |
| E5510S  | Gibson Assembly Cloning Kit                                | 10 rxn  | 6 400 Kč  | 640,00 Kč       |
| E1600S  | NEB Golden Gate Assembly Mix                               | 15 rxn  | 5 320 Kč  | 354,67 Kč       |
| E1202S  | NEB PCR Cloning Kit                                        | 20 rxn  | 9 930 Kč  | 496,50 Kč       |
| E1203S  | NEB PCR Cloning Kit (Without Competent Cells)              | 20 rxn  | 4 720 Kč  | 236,00 Kč       |
| E0546S  | BioBrick Assembly Kit                                      | 50 rxn  | 9 160 Kč  | 183,20 Kč       |
| E0554S  | Q5 Site-Directed Mutagenesis Kit                           | 10 rxn  | 6 300 Kč  | 630,00 Kč       |
| E0552S  | Q5 Site-Directed Mutagenesis Kit (Without Competent Cells) | 10 rxn  | 4 310 Kč  | 431,00 Kč       |

# T4 DNA Ligase

## 3 balení za cenu 2





## 6. Kompetentní buňky

### 6.1 Kmeny *E. coli* pro klonování

| Kat. č. | Specifikace                                                                | Balení                 | Cena      |
|---------|----------------------------------------------------------------------------|------------------------|-----------|
| C2987H  | NEB 5-alpha Competent <i>E. coli</i> (High Efficiency)                     | 20 x 0,05 ml           | 6 570 Kč  |
| C2987I  | NEB 5-alpha Competent <i>E. coli</i> (High Efficiency)                     | 6 x 0,2 ml             | 5 120 Kč  |
| C2987P  | NEB 5-alpha Competent <i>E. coli</i> (High Efficiency)                     | 1 x 96 wells (1 plate) | 16 460 Kč |
| C2988J  | NEB 5-alpha Competent <i>E. coli</i> (Subcloning Efficiency)               | 48 assays              | 2 360 Kč  |
| C2989K  | NEB 5-alpha Electrocompetent <i>E. coli</i>                                | 6 x 100 µl             | 6 130 Kč  |
| C2992H  | NEB 5-alpha F' <sup>lac</sup> Competent <i>E. coli</i> (High Efficiency)   | 20 x 0,05 ml           | 6 570 Kč  |
| C2992I  | NEB 5-alpha F' <sup>lac</sup> Competent <i>E. coli</i> (High Efficiency)   | 6 x 0,2 ml             | 5 150 Kč  |
| C3019H  | NEB 10-beta Competent <i>E. coli</i> (High Efficiency)                     | 20 x 0,05 ml           | 7 750 Kč  |
| C3019I  | NEB 10-beta Competent <i>E. coli</i> (High Efficiency)                     | 6 x 0,2 ml             | 5 960 Kč  |
| C3020K  | NEB 10-beta Electrocompetent <i>E. coli</i>                                | 12 assays              | 7 170 Kč  |
| C3040H  | NEB Stable Competent <i>E. coli</i>                                        | 20 x 0,05 ml           | 10 570 Kč |
| C3040I  | NEB Stable Competent <i>E. coli</i>                                        | 6 x 0,2 ml             | 8 150 Kč  |
| C2925H  | <i>dam</i> <sup>-</sup> / <i>dcm</i> <sup>-</sup> Competent <i>E. coli</i> | 20 x 0,05 ml           | 8 150 Kč  |
| C2925I  | <i>dam</i> <sup>-</sup> / <i>dcm</i> <sup>-</sup> Competent <i>E. coli</i> | 6 x 0,2 ml             | 6 300 Kč  |
| C2984H  | NEB Turbo Competent <i>E. coli</i> (High Efficiency)                       | 20 x 0,05 ml           | 8 720 Kč  |
| C2984I  | NEB Turbo Competent <i>E. coli</i> (High Efficiency)                       | 6 x 0,2 ml             | 6 640 Kč  |
| C2986K  | NEB Turbo Electrocompetent <i>E. coli</i>                                  | 12 assays              | 8 080 Kč  |

### 6.2 Expresní kmeny *E. coli*

| Kat. č. | Specifikace                                                                        | Balení       | Cena      |
|---------|------------------------------------------------------------------------------------|--------------|-----------|
| C2523H  | NEB Express Competent <i>E. coli</i> (High Efficiency)                             | 20 x 0,05 ml | 6 400 Kč  |
| C2523I  | NEB Express Competent <i>E. coli</i> (High Efficiency)                             | 6 x 0,2 ml   | 5 020 Kč  |
| C2527H  | BL21(DE3) Competent <i>E. coli</i>                                                 | 20 x 0,05 ml | 6 400 Kč  |
| C2527I  | BL21(DE3) Competent <i>E. coli</i>                                                 | 6 x 0,2 ml   | 5 020 Kč  |
| C2528J  | Lemo21(DE3) Competent <i>E. coli</i>                                               | 12 x 0,05 ml | 7 410 Kč  |
| C2529H  | NiCo21(DE3) Competent <i>E. coli</i>                                               | 20 x 0,05 ml | 12 120 Kč |
| C2530H  | BL21 Competent <i>E. coli</i>                                                      | 20 x 0,05 ml | 6 400 Kč  |
| C2566H  | T7 Express Competent <i>E. coli</i> (High Efficiency)                              | 20 x 0,05 ml | 6 400 Kč  |
| C2566I  | T7 Express Competent <i>E. coli</i> (High Efficiency)                              | 6 x 0,2 ml   | 5 020 Kč  |
| C3010I  | T7 Express <i>lysY</i> Competent <i>E. coli</i> (High Efficiency)                  | 6 x 0,2 ml   | 5 020 Kč  |
| C3013I  | T7 Express <i>lysY</i> / <sup>lac</sup> Competent <i>E. coli</i> (High Efficiency) | 6 x 0,2 ml   | 5 020 Kč  |
| C3022I  | T7 Express Crystal Competent <i>E. coli</i> (High Efficiency)                      | 6 x 0,2 ml   | 6 160 Kč  |
| C3037I  | NEB Express, <sup>lac</sup> Competent <i>E. coli</i> (High Efficiency)             | 6 x 0,2 ml   | 5 020 Kč  |
| C3028J  | SHuffle Express Competent <i>E. coli</i>                                           | 12 x 0,05 ml | 7 410 Kč  |
| C3026J  | SHuffle T7 Competent <i>E. coli</i>                                                | 12 x 0,05 ml | 7 410 Kč  |
| C3029J  | SHuffle T7 Express Competent <i>E. coli</i>                                        | 12 x 0,05 ml | 7 410 Kč  |
| C3030J  | SHuffle T7 Express <i>lysY</i> Competent <i>E. coli</i>                            | 12 x 0,05 ml | 7 410 Kč  |

### 6.3 Eukaryotický expresní kmen

| Kat. č. | Specifikace                            | Balení   | Cena     |
|---------|----------------------------------------|----------|----------|
| C1001S  | <i>K. lactis</i> GG799 Competent Cells | 5 assays | 9 970 Kč |

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## 7. Média

| Kat. č.    | Specifikace                     | Balení    | Cena     |
|------------|---------------------------------|-----------|----------|
| L1704.0100 | LB Broth High salt              | 100 g     | 350 Kč   |
| L1704.0500 | LB Broth High salt              | 500 g     | 1 400 Kč |
| L1704.2500 | LB Broth High salt              | 2,5 kg    | 6 130 Kč |
| L1706.0100 | LB Agar High salt               | 100 g     | 480 Kč   |
| L1706.0500 | LB Agar High salt               | 500 g     | 1 870 Kč |
| L1706.2500 | LB Agar High salt               | 2,5 kg    | 8 700 Kč |
| B9020S     | SOC Outgrowth Medium            | 4 x 25 ml | 2 730 Kč |
| B9017S     | Yeast Carbon Base Medium Powder | 12 g      | 1 220 Kč |

## 8. Antibiotika

| Kat. č.    | Specifikace                     | Balení | Cena     |
|------------|---------------------------------|--------|----------|
| A0104.0005 | Ampicillin sodium               | 5 g    | 540 Kč   |
| A0104.0010 | Ampicillin sodium               | 10 g   | 960 Kč   |
| A0104.0025 | Ampicillin sodium               | 25 g   | 2 170 Kč |
| K0126.0001 | Kanamycine sulphate monohydrate | 1 g    | 210 Kč   |
| K0126.0005 | Kanamycine sulphate monohydrate | 5 g    | 960 Kč   |
| K0126.0010 | Kanamycine sulphate monohydrate | 10 g   | 1 760 Kč |
| K0126.0025 | Kanamycine sulphate monohydrate | 25 g   | 3 280 Kč |
| M0135.0025 | Neomycin sulphate               | 25 g   | 790 Kč   |
| M0135.0100 | Neomycin sulphate               | 100 g  | 2 870 Kč |
| T0150.0025 | Tetracycline HCl                | 25 g   | 630 Kč   |
| T0150.0100 | Tetracycline HCl                | 100 g  | 1 870 Kč |

## 9. Reagencie pro "Blue/White screening"

| Kat. č.    | Specifikace | Balení | Cena     |
|------------|-------------|--------|----------|
| I1401.0001 | IPTG        | 1 g    | 710 Kč   |
| I1401.0005 | IPTG        | 5 g    | 2 080 Kč |
| I1401.0025 | IPTG        | 25 g   | 8 120 Kč |
| X1402.0100 | X-Gal       | 100 mg | 730 Kč   |
| X1402.1000 | X-Gal       | 1 g    | 2 220 Kč |
| X1402.5000 | X-Gal       | 5 g    | 9 710 Kč |

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# 10. Izolace plasmidové DNA

## 10.1 Plasmidová DNA pro molekulární biologii a sekvenování

| Kat. č.    | Specifikace                 | Balení         | Cena      | Cena/<br>izolace |
|------------|-----------------------------|----------------|-----------|------------------|
| 740588.50  | NucleoSpin Plasmid          | 50 izolací     | 1 980 Kč  | 39,60 Kč         |
| 740588.250 | NucleoSpin Plasmid          | 250 izolací    | 8 730 Kč  | 34,92 Kč         |
| 740727.50  | NucleoSpin Plasmid EasyPure | 50 izolací     | 1 650 Kč  | 33,00 Kč         |
| 740727.250 | NucleoSpin Plasmid EasyPure | 250 izolací    | 6 950 Kč  | 27,80 Kč         |
| 740621     | NucleoSpin 8 Plasmid        | 12 x 8 izolací | 8 190 Kč  | 85,31 Kč         |
| 740621.5   | NucleoSpin 8 Plasmid        | 60 x 8 izolací | 36 500 Kč | 76,04 Kč         |
| 740625.4   | NucleoSpin 96 Plasmid       | 4 x 96 izolací | 27 110 Kč | 70,59 Kč         |
| 740618.4   | NucleoSpin 96 Flash         | 4 x 96 izolací | 16 110 Kč | 41,95 Kč         |

## 10.2 Plasmidová DNA pro transfekci

| Kat. č.    | Specifikace                           | Balení      | Cena      | Cena/<br>izolace |
|------------|---------------------------------------|-------------|-----------|------------------|
| 740410.10  | NucleoBond Xtra Midi                  | 10 izolací  | 2 370 Kč  | 237,00 Kč        |
| 740410.50  | NucleoBond Xtra Midi                  | 50 izolací  | 9 480 Kč  | 189,60 Kč        |
| 740410.100 | NucleoBond Xtra Midi                  | 100 izolací | 17 460 Kč | 174,60 Kč        |
| 740412.10  | NucleoBond Xtra Midi Plus             | 10 izolací  | 2 840 Kč  | 284,00 Kč        |
| 740412.50  | NucleoBond Xtra Midi Plus             | 50 izolací  | 12 810 Kč | 256,20 Kč        |
| 740414.10  | NucleoBond Xtra Maxi                  | 10 izolací  | 5 290 Kč  | 529,00 Kč        |
| 740414.50  | NucleoBond Xtra Maxi                  | 50 izolací  | 25 050 Kč | 501,00 Kč        |
| 740414.100 | NucleoBond Xtra Maxi                  | 100 izolací | 46 320 Kč | 463,20 Kč        |
| 740416.10  | NucleoBond Xtra Maxi Plus             | 10 izolací  | 5 930 Kč  | 593,00 Kč        |
| 740416.50  | NucleoBond Xtra Maxi Plus             | 50 izolací  | 27 970 Kč | 559,40 Kč        |
| 740490.50  | NucleoSpin Plasmid Transfection-grade | 50 izolací  | 2 530 Kč  | 50,60 Kč         |
| 740490.250 | NucleoSpin Plasmid Transfection-grade | 250 izolací | 11 130 Kč | 44,52 Kč         |
| 740494.10  | NucleoSnap Plasmid Midi               | 10 izolací  | 2 510 Kč  | 251,00 Kč        |
| 740494.50  | NucleoSnap Plasmid Midi               | 50 izolací  | 10 770 Kč | 215,40 Kč        |

## 10.3 „Endotoxin-free“ plasmidová DNA

| Kat. č.   | Specifikace                  | Balení         | Cena      | Cena/<br>izolace |
|-----------|------------------------------|----------------|-----------|------------------|
| 740420.10 | NucleoBond Xtra Midi EF      | 10 izolací     | 3 550 Kč  | 355,00 Kč        |
| 740420.50 | NucleoBond Xtra Midi EF      | 50 izolací     | 16 350 Kč | 327,00 Kč        |
| 740422.10 | NucleoBond Xtra Midi Plus EF | 10 izolací     | 4 460 Kč  | 446,00 Kč        |
| 740422.50 | NucleoBond Xtra Midi Plus EF | 50 izolací     | 19 300 Kč | 386,00 Kč        |
| 740424.10 | NucleoBond Xtra Maxi EF      | 10 izolací     | 8 180 Kč  | 818,00 Kč        |
| 740424.50 | NucleoBond Xtra Maxi EF      | 50 izolací     | 38 480 Kč | 769,60 Kč        |
| 740426.10 | NucleoBond Xtra Maxi Plus EF | 10 izolací     | 9 120 Kč  | 912,00 Kč        |
| 740426.50 | NucleoBond Xtra Maxi Plus EF | 50 izolací     | 43 110 Kč | 862,20 Kč        |
| 740430.1  | NucleoBond 96 Xtra EF        | 1 x 96 izolací | 13 310 Kč | 138,65 Kč        |
| 740430.4  | NucleoBond 96 Xtra EF        | 4 x 96 izolací | 43 280 Kč | 112,71 Kč        |

NucleoSpin Plasmid EasyPure

**Snadná a rychlá izolace  
s vysokými výtěžky**



# Další nástroje pro Vaši laboratoř



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