



EUR<sub>x</sub><sup>®</sup>

2019  
cennik / price list

Jesteśmy razem od 1998

21

Together since 1998



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## PROMOTIONAL PRICES

## P

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|-------------------|---|
| 1. PfuPlus!       | 4 |
| 2. Color PfuPlus! | 4 |

| PRODUCT NAME & DESCRIPTION          | CAT.NUMBER | PACKAGE | PRICE |
|-------------------------------------|------------|---------|-------|
| <b>1. PCR &amp; REAL-TIME PCR</b>   |            |         |       |
| <b>THERMOSTABLE DNA POLYMERASES</b> |            |         |       |

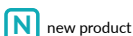
All thermostable DNA Polymerases are also available as kits, which include a DNA Polymerase and a mix of carefully tested and calibrated ultrapure dNTPs (catalog numbers indicated with letters EK).

| <b>Taq DNA Polymerases</b>  |          |           |                  |
|---|----------|-----------|------------------|
| <b>Taq DNA Polymerase</b><br><i>Ultrapure, recombinant Taq DNA polymerase for general use (5.0 u/μl).</i>   | <b>B</b> | E2500-01  | 200 u € 26.50    |
|   |          | E2500-04  | 500 u € 58.00    |
|   |          | E2500-02  | 1 000 u € 101.00 |
|   |          | E2500-03  | 5 000 u € 500.00 |
| <b>Taq DNA Polymerase</b><br><i>Taq DNA Polymerase kit containing polymerase and dNTPs.</i>   |          | EK2500-01 | 200 u € 33.50    |
|   |          | EK2500-04 | 500 u € 75.50    |
|   |          | EK2500-02 | 1 000 u € 136.00 |
|   |          | EK2500-03 | 5 000 u € 675.00 |
| <b>Color Taq DNA Polymerase</b><br><i>The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.0 u/μl).</i> |          | E2510-01  | 200 u € 26.50    |
|   |          | E2510-04  | 500 u € 58.00    |
|   |          | E2510-02  | 1 000 u € 101.00 |
|   |          | E2510-03  | 5 000 u € 500.00 |
| <b>Color Taq DNA Polymerase</b><br><i>Color Taq DNA Polymerase kit containing polymerase and dNTPs.</i>   |          | EK2510-01 | 200 u € 33.50    |
|   |          | EK2510-04 | 500 u € 75.50    |
|   |          | EK2510-02 | 1 000 u € 136.00 |
|   |          | EK2510-03 | 5 000 u € 675.00 |
| <b>Native Taq DNA Polymerase</b><br><i>Native Taq DNA polymerase for general use (5.0 u/μl).</i>  |          | E2504-01  | 200 u € 31.00    |
|   |          | E2504-04  | 500 u € 69.00    |
|   |          | E2504-02  | 1 000 u € 122.00 |
|   |          | E2504-03  | 5 000 u € 600.00 |
| <b>Native Taq DNA Polymerase</b><br><i>Native Taq DNA Polymerase kit containing polymerase and dNTPs.</i>   |          | EK2504-01 | 200 u € 38.00    |
|   |          | EK2504-04 | 500 u € 86.50    |
|   |          | EK2504-02 | 1 000 u € 157.00 |
|   |          | EK2504-03 | 5 000 u € 775.00 |

| <b>OptiQ Taq DNA Polymerases</b>  |  |           |                  |
|---|--|-----------|------------------|
| <b>OptiQ Taq DNA Polymerase</b><br><i>Proofreading blend of DNA polymerases for any template and long PCR (5.0 u/μl).</i>   |  | E2600-01  | 200 u € 31.00    |
|   |  | E2600-04  | 500 u € 69.00    |
|   |  | E2600-02  | 1 000 u € 122.00 |
|   |  | E2600-03  | 5 000 u € 600.00 |
| <b>OptiQ Taq DNA Polymerase</b><br><i>OptiQ Taq DNA Polymerase kit containing polymerase and dNTPs.</i>   |  | EK2600-01 | 200 u € 38.00    |
|   |  | EK2600-04 | 500 u € 86.50    |
|   |  | EK2600-02 | 1 000 u € 157.00 |
|   |  | EK2600-03 | 5 000 u € 775.00 |
| <b>Color OptiQ Taq DNA Polymerase</b><br><i>The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.0 u/μl).</i> |  | E2610-01  | 200 u € 31.00    |
|   |  | E2610-04  | 500 u € 69.00    |
|   |  | E2610-02  | 1 000 u € 122.00 |
|   |  | E2610-03  | 5 000 u € 600.00 |
| <b>Color OptiQ Taq DNA Polymerase</b><br><i>Color OptiQ Taq DNA Polymerase kit containing polymerase and dNTPs.</i>   |  | EK2610-01 | 200 u € 38.00    |
|   |  | EK2610-04 | 500 u € 86.50    |
|   |  | EK2610-02 | 1 000 u € 157.00 |
|   |  | EK2610-03 | 5 000 u € 775.00 |

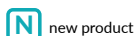
| <b>Hot Start Taq DNA Polymerases</b>  |          |           |                   |
|---|----------|-----------|-------------------|
| <b>Perpetual Taq DNA Polymerase</b><br><i>Monoclonal antibody automatic "hot start" PCR system (2.5 u/μl).</i>  | <b>B</b> | E2700-01  | 200 u € 68.00     |
|   |          | E2700-04  | 500 u € 154.00    |
|   |          | E2700-02  | 1 000 u € 261.00  |
|   |          | E2700-03  | 5 000 u € 1239.00 |
| <b>Perpetual Taq DNA Polymerase</b><br><i>Perpetual Taq DNA Polymerase kit containing polymerase and dNTPs.</i>   |          | EK2700-01 | 200 u € 75.00     |
|   |          | EK2700-04 | 500 u € 171.50    |
|   |          | EK2700-02 | 1 000 u € 296.00  |
|   |          | EK2700-03 | 5 000 u € 1414.00 |
| <b>Color Perpetual Taq DNA Polymerase</b><br><i>The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.0 u/μl).</i> |          | E2710-01  | 200 u € 68.00     |
|   |          | E2710-04  | 500 u € 154.00    |
|   |          | E2710-02  | 1 000 u € 261.00  |
|   |          | E2710-03  | 5 000 u € 1239.00 |




Vertel



| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER | PACKAGE | PRICE     |
|--|------------|---------|-----------|
| <b>Color Perpetual Taq DNA Polymerase</b><br><br><i>Color Perpetual Taq DNA Polymerase kit containing polymerase and dNTPs.</i>  | EK2710-01  | 200 u   | € 75.00   |
|  | EK2710-04  | 500 u   | € 171.50  |
|  | EK2710-02  | 1 000 u | € 296.00  |
|  | EK2710-03  | 5 000 u | € 1414.00 |
| <b>tiTaq DNA Polymerase</b><br><br><i>New generation "hot start" Taq DNA Polymerase (2.5 u/μl).</i>  | E2715-01   | 200 u   | € 31.00   |
|  | E2715-04   | 500 u   | € 69.00   |
|  | E2715-02   | 1 000 u | € 122.00  |
|  | E2715-03   | 5 000 u | € 600.00  |
| <b>tiTaq DNA Polymerase</b><br><br><i>tiTaq DNA Polymerase kit containing polymerase and dNTPs.</i>  | EK2715-01  | 200 u   | € 38.00   |
|  | EK2715-04  | 500 u   | € 86.50   |
|  | EK2715-02  | 1 000 u | € 157.00  |
|  | EK2715-03  | 5 000 u | € 775.00  |
| <b>onTaq DNA Polymerase</b><br><br><i>The modified "hot start" enzyme which is blocked at moderate temperatures and allows room temperature reaction setup (2.5 u/μl).</i> | E2713-01   | 200 u   | € 35.00   |
|  | E2713-04   | 500 u   | € 79.00   |
|  | E2713-02   | 1 000 u | € 140.00  |
|  | E2713-03   | 5 000 u | € 690.00  |
| <b>onTaq DNA Polymerase</b><br><br><i>onTaq DNA Polymerase kit containing polymerase and dNTPs.</i>  | EK2713-01  | 200 u   | € 43.00   |
|  | EK2713-04  | 500 u   | € 98.00   |
|  | EK2713-02  | 1 000 u | € 180.00  |
|  | EK2713-03  | 5 000 u | € 890.00  |
| <b>Hot Start OptiTaq DNA Polymerases</b>   |            |         |           |
| <b>Perpetual OptiTaq DNA Polymerase</b><br><br><i>Monoclonal antibody automatic "hot start" proofreading PCR system (2.5 u/μl).</i>  | E2720-01   | 200 u   | € 79.00   |
|  | E2720-04   | 500 u   | € 179.00  |
|  | E2720-02   | 1 000 u | € 313.00  |
|  | E2720-03   | 5 000 u | € 1488.00 |
| <b>Perpetual OptiTaq DNA Polymerase</b><br><br><i>Perpetual OptiTaq DNA Polymerase kit containing polymerase and dNTPs.</i>  | EK2720-01  | 200 u   | € 86.00   |
|  | EK2720-04  | 500 u   | € 196.50  |
|  | EK2720-02  | 1 000 u | € 348.00  |
| <b>tiOptiTaq DNA Polymerase</b><br><br><i>Proofreading blend of DNA polymerases for any template and long PCR, new generation "hot start" technology (2.5 u/μl).</i>       | E2725-01   | 200 u   | € 40.00   |
|  | E2725-04   | 500 u   | € 90.00   |
|  | E2725-02   | 1 000 u | € 160.00  |
| <b>tiOptiTaq DNA Polymerase</b><br><br><i>tiOptiTaq DNA Polymerase kit containing polymerase and dNTPs.</i>  | EK2725-01  | 200 u   | € 47.00   |
|  | EK2725-04  | 500 u   | € 107.50  |
|  | EK2725-02  | 1 000 u | € 195.00  |
|  | EK2725-03  | 5 000 u | € 930.00  |
| <b>Amplus DNA Polymerase</b>   |            |         |           |
| <b>Amplus DNA Polymerase</b><br><br><i>Amplus DNA Polymerase kit containing polymerase (5 u/μl) and dNTPs.</i>   | EK2900-01  | 100 u   | € 19.00   |
|  | EK2900-02  | 500 u   | € 86.50   |
| <b>tiAmplus DNA Polymerase</b><br><br><i>tiAmplus DNA Polymerase kit containing polymerase (2.5 u/μl) and dNTPs.</i>   | EK2930-01  | 100 u   | € 26.00   |
|  | EK2930-02  | 500 u   | € 120.00  |

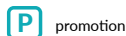
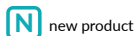
| PRODUCT NAME & DESCRIPTION  | CAT.NUMBER                          | PACKAGE                   | PRICE                           |
|---|-------------------------------------|---------------------------|---------------------------------|
| <b>Hybrid DNA Polymerase</b>  |                                     |                           |                                 |
| <b>Hybrid DNA Polymerase</b><br><i>Extremely thermostable DNA polymerase, enabling efficient high fidelity PCR of genomic targets up to 12 kb and episomal targets up to 20 kb; (2.0 u/μl).</i>   | E2950-01<br>E2950-02                | 100 u<br>500 u            | € 27.00<br>€ 112.00             |
| <b>Hybrid DNA Polymerase</b><br><i>Hybrid DNA Polymerase kit containing polymerase and dNTPs.</i>   | EK2950-01<br>EK2950-02              | 100 u<br>500 u            | € 29.00<br>€ 123.00             |
| <b>onHybrid DNA Polymerase</b> <span style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px;">N</span><br><i>Extremely thermostable DNA polymerase, enabling efficient high fidelity PCR of genomic targets up to 12 kb and episomal targets up to 20 kb; new generation "hot start" technology (2.0 u/μl).</i> | E2960-01<br>E2960-02                | 100 u<br>500 u            | € 37.00<br>€ 153.00             |
| <b>onHybrid DNA Polymerase</b> <span style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px;">N</span><br><i>onHybrid DNA Polymerase kit containing polymerase and dNTPs, new generation "hot start" technology.</i>  | EK2960-01<br>EK2960-02              | 100 u<br>500 u            | € 44.00<br>€ 185.00             |
| <b>Pfu DNA Polymerases</b>  |                                     |                           |                                 |
| <b>Pfu DNA Polymerase</b><br><i>Highly thermostable DNA polymerase for PCR applications requiring high fidelity, proofreading activity; (5.0 u/μl).</i>   | E1114-01<br>E1114-02<br>E1114-03    | 100 u<br>500 u<br>2 500 u | € 20.00<br>€ 75.00<br>€ 370.00  |
| <b>Pfu DNA Polymerase</b><br><i>Pfu DNA Polymerase kit containing polymerase and dNTPs.</i>   | EK1114-01<br>EK1114-02<br>EK1114-03 | 100 u<br>500 u<br>2 500 u | € 22.00<br>€ 87.00<br>€ 410.00  |
| <b>PfuPlus! DNA Polymerase</b> <span style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px;">P</span><br><i>Extremely thermostable proofreading DNA polymerase blend, formulated for efficient site-directed mutagenesis and synthesis of DNA products up to 20 kb (5.0 u/μl).</i>                             | E1118-01<br>E1118-02<br>E1118-03    | 100 u<br>500 u<br>2 500 u | € 20.00<br>€ 75.00<br>€ 370.00  |
| <b>PfuPlus! DNA Polymerase</b> <span style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px;">P</span><br><i>PfuPlus! DNA Polymerase kit containing polymerase and dNTPs.</i>   | EK1118-01<br>EK1118-02<br>EK1118-03 | 100 u<br>500 u<br>2 500 u | € 22.00<br>€ 87.00<br>€ 410.00  |
| <b>Color PfuPlus! DNA Polymerase</b> <span style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px;">P</span><br><i>The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.25 u/μl).</i>                                       | E1110-01<br>E1110-02<br>E1110-03    | 100 u<br>500 u<br>2 500 u | € 20.00<br>€ 75.00<br>€ 370.00  |
| <b>Color PfuPlus! DNA Polymerase</b> <span style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px;">P</span><br><i>Color PfuPlus! DNA Polymerase kit containing polymerase and dNTPs.</i>   | EK1110-01<br>EK1110-02<br>EK1110-03 | 100 u<br>500 u<br>2 500 u | € 22.00<br>€ 87.00<br>€ 410.00  |
| <b>tiPfuPlus! DNA Polymerase</b><br><i>New generation "hot start" PfuPlus! DNA Polymerase (5 u/μl).</i>   | E1119-01<br>E1119-02<br>E1119-03    | 100 u<br>500 u<br>2 500 u | € 28.00<br>€ 110.00<br>€ 555.00 |
| <b>tiPfuPlus! DNA Polymerase</b><br><i>tiPfuPlus! DNA Polymerase kit containing polymerase and dNTPs.</i>   | EK1119-01<br>EK1119-02<br>EK1119-03 | 100 u<br>500 u<br>2 500 u | € 30.00<br>€ 122.00<br>€ 595.00 |
| <b>Thermus DNA Polymerases</b>  |                                     |                           |                                 |
| <b>Tfl DNA Polymerase</b><br><i>Native Thermus flavus DNA polymerase (5.0 u/μl).</i>  | E1112-01<br>E1112-02                | 200 u<br>1 000 u          | € 50.00<br>€ 198.00             |
| <b>Tfl DNA Polymerase</b><br><i>Tfl DNA Polymerase kit containing polymerase and dNTPs.</i>   | EK1112-01<br>EK1112-02              | 200 u<br>1 000 u          | € 57.00<br>€ 233.00             |
| <b>Tth DNA Polymerase</b><br><i>Thermus thermophilus DNA polymerase (5.0 u/μl).</i>   | E1115-01<br>E1115-02                | 100 u<br>500 u            | € 45.00<br>€ 180.00             |
| <b>Tth DNA Polymerase</b><br><i>Tth DNA Polymerase kit containing polymerase and dNTPs.</i>   | EK1115-01<br>EK1115-02              | 100 u<br>500 u            | € 48.50<br>€ 197.50             |



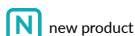
| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER   | PACKAGE   | PRICE                           |
|--|--|---|---------------------------------|
| <b>PCR KITS</b>  |  |   |                                 |
| <b>NXT Taq PCR Kit</b><br><i>Ready-to-use solution containing "hot start" NXT Taq DNA Polymerase, reaction buffer, MgCl<sub>2</sub> and dNTPs. NXT Taq PCR Kit is designed for fast-cycling PCR on any thermal cycler.</i> | E2530-01<br>E2530-02<br>E2530-03   | 100 reactions<br>200 reactions<br>500 reactions | € 40.00<br>€ 78.00<br>€ 160.00  |
| <b>Taq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing Taq DNA Polymerase, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>   | E2520-01<br>E2520-02<br>E2520-03   | 100 reactions<br>200 reactions<br>500 reactions | € 32.00<br>€ 60.00<br>€ 130.00  |
| <b>Perpetual Taq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing Perpetual Taq DNA Polymerase, antibodies, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>                                       | E2740-01<br>E2740-02<br>E2740-03   | 100 reactions<br>200 reactions<br>500 reactions | € 75.00<br>€ 145.00<br>€ 290.00 |
| <b>Perpetual OptiTaq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing Perpetual OptiTaq DNA Polymerase, antibodies, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>                               | E2770-01<br>E2770-02<br>E2770-03   | 100 reactions<br>200 reactions<br>500 reactions | € 75.00<br>€ 145.00<br>€ 290.00 |
| <b>OptiTaq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing OptiTaq DNA Polymerase, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>   | E2910-01<br>E2910-02<br>E2910-03   | 100 reactions<br>200 reactions<br>500 reactions | € 35.00<br>€ 65.00<br>€ 130.00  |
| <b>Color Taq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing Taq DNA Polymerase, optimized and colored reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>   | E2525-01<br>E2525-02<br>E2525-03   | 100 reactions<br>200 reactions<br>500 reactions | € 32.00<br>€ 60.00<br>€ 130.00  |
| <b>onTaq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing onTaq DNA Polymerase, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>   |  E2714-01<br>E2714-02<br>E2714-03 | 100 reactions<br>200 reactions<br>500 reactions | € 45.00<br>€ 87.00<br>€ 180.00  |
| <b>tiTaq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing tiTaq DNA Polymerase, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>   |  E2716-01<br>E2716-02<br>E2716-03 | 100 reactions<br>200 reactions<br>500 reactions | € 40.00<br>€ 78.00<br>€ 160.00  |
| <b>tiOptiTaq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing tiOptiTaq DNA Polymerase, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>   |  E2726-01<br>E2726-02<br>E2726-03 | 100 reactions<br>200 reactions<br>500 reactions | € 45.00<br>€ 87.00<br>€ 180.00  |
| <b>Color Perpetual Taq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing Perpetual Taq DNA Polymerase, antibodies, optimized and colored reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>                     | E2745-01<br>E2745-02<br>E2745-03   | 100 reactions<br>200 reactions<br>500 reactions | € 75.00<br>€ 145.00<br>€ 290.00 |
| <b>Color OptiTaq PCR Master Mix (2x)</b><br><i>Ready-to-use solution containing OptiTaq DNA Polymerase, optimized and colored reaction buffer, MgCl<sub>2</sub> and dNTPs.</i>   | E2915-01<br>E2915-02<br>E2915-03   | 100 reactions<br>200 reactions<br>500 reactions | € 35.00<br>€ 65.00<br>€ 130.00  |
| <b>Multiplex PCR Master Mix (2x)</b><br><i>Ready-to-use solution for multiplex PCR without the need for optimization.</i>  | E2820-01<br>E2820-02   | 50 reactions<br>100 reactions                   | € 60.00<br>€ 110.00             |
| <b>Direct Blood PCR Kit</b><br><i>Enables to perform PCR reactions directly from whole blood with no prior DNA extraction or purification.</i>   | E0950-01<br>E0950-02   | 100 reactions<br>500 reactions                  | € 58.00<br>€ 232.00             |

|   |                                  |   |                                |
|---|----------------------------------|---|--------------------------------|
| <b>REAL-TIME PCR KITS</b>   |                                  |   |                                |
| <b>SG qPCR Master Mix (2x)</b><br><i>For quantitative real-time PCR and two-step real-time RT-PCR.</i>                                      | E0401-01<br>E0401-02<br>E0401-03 | 100 reactions<br>200 reactions<br>1 000 reactions | € 43.00<br>€ 82.00<br>€ 370.00 |
| <b>SG qPCR Master Mix (2x), plus ROX Solution</b><br><i>For quantitative real-time PCR and two-step real-time RT-PCR. Contains ROX dye.</i> | E0402-01<br>E0402-02<br>E0402-03 | 100 reactions<br>200 reactions<br>1 000 reactions | € 46.00<br>€ 89.00<br>€ 390.00 |
| <b>SG/ROX qPCR Master Mix (2x)</b><br><i>For quantitative real-time PCR and two-step real-time RT-PCR. Mix contains ROX dye.</i>            | E0400-01<br>E0400-02<br>E0400-03 | 100 reactions<br>200 reactions<br>1 000 reactions | € 46.00<br>€ 89.00<br>€ 390.00 |


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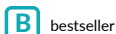
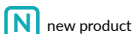
| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER | PACKAGE                  | PRICE                    |
|--|------------|--------------------------|--------------------------|
| <b>REAL-TIME PCR KITS</b>  |            |                          |                          |
| <b>Blank qPCR Master Mix (2x)</b><br><i>For quantitative real-time PCR and two-step real-time RT-PCR. The master mix does not contain any dye and allows the user to choose a dye and optimize the dye concentration.</i>                                      | <b>B</b>   | E0403-01                 | 100 reactions € 42.00    |
|  |            | E0403-02                 | 200 reactions € 80.00    |
|  |            | E0403-03                 | 1 000 reactions € 360.00 |
| <b>Blank qPCR Master Mix (2x), plus ROX solution</b><br><i>For quantitative real-time PCR and two-step real-time RT-PCR. The master mix does not contain any dye and allows the user to choose a dye and optimize the dye concentration. Contains ROX dye.</i> | E0404-01   | 100 reactions € 45.00    |                          |
|  | E0404-02   | 200 reactions € 87.00    |                          |
|  | E0404-03   | 1 000 reactions € 380.00 |                          |
| <b>Fast SG qPCR Master Mix (2x)</b><br><i>For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR.</i>   | E0411-01   | 100 reactions € 48.00    |                          |
|  | E0411-02   | 200 reactions € 90.00    |                          |
|  | E0411-03   | 1 000 reactions € 425.00 |                          |
| <b>Fast SG qPCR Master Mix (2x), plus ROX Solution</b><br><i>For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR. Contains ROX dye.</i>  | E0412-01   | 100 reactions € 51.00    |                          |
|  | E0412-02   | 200 reactions € 97.00    |                          |
|  | E0412-03   | 1 000 reactions € 445.00 |                          |
| <b>Fast SG/ROX qPCR Master Mix (2x)</b><br><i>For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR. Mix contains ROX dye.</i>   | E0413-01   | 100 reactions € 51.00    |                          |
|  | E0413-02   | 200 reactions € 97.00    |                          |
|  | E0413-03   | 1 000 reactions € 445.00 |                          |
| <b>Probe qPCR Master Mix (2x)</b><br><i>For quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes.</i>   | E0420-01   | 100 reactions € 46.00    |                          |
|  | E0420-02   | 200 reactions € 89.00    |                          |
|  | E0420-03   | 1 000 reactions € 390.00 |                          |
| <b>Probe qPCR Master Mix (2x), plus ROX Solution</b><br><i>For quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes. Contains ROX dye.</i>  | E0421-01   | 100 reactions € 49.00    |                          |
|  | E0421-02   | 200 reactions € 96.00    |                          |
|  | E0421-03   | 1 000 reactions € 410.00 |                          |
| <b>Fast Probe qPCR Master Mix (2x)</b><br><i>For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes.</i>   | E0422-01   | 100 reactions € 46.00    |                          |
|  | E0422-02   | 200 reactions € 89.00    |                          |
|  | E0422-03   | 1 000 reactions € 390.00 |                          |
| <b>Fast Probe qPCR Master Mix (2x), plus ROX Solution</b><br><i>For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes. Contains ROX dye.</i>  | E0423-01   | 100 reactions € 49.00    |                          |
|  | E0423-02   | 200 reactions € 96.00    |                          |
|  | E0423-03   | 1 000 reactions € 410.00 |                          |
| <b>MP qPCR Master Mix (2x)</b><br><i>For quantitative multiplex real-time PCR and two-step real-time RT-PCR using sequence-specific probes.</i>  | E0424-01   | 100 reactions € 46.00    |                          |
|  | E0424-02   | 200 reactions € 89.00    |                          |
|  | E0424-03   | 1 000 reactions € 390.00 |                          |
| <b>MP qPCR Master Mix (2x), plus ROX Solution</b><br><i>For quantitative multiplex real-time PCR and two-step real-time RT-PCR using sequence-specific probes. Contains ROX dye.</i>   | E0425-01   | 100 reactions € 49.00    |                          |
|  | E0425-02   | 200 reactions € 96.00    |                          |
|  | E0425-03   | 1 000 reactions € 410.00 |                          |
| <b>qPCR-BASED SPECIALIZED KITS</b>   |            |                          |                          |
| <b>Borrelia qPCR Detection Kit</b><br><i>For Borrelia burgdorferi detection.</i>   | E0450-01   | 50 reactions € 150.00    |                          |
|  | E0450-02   | 100 reactions € 290.00   |                          |
| <b>Borrelia qPCR Detection Kit, plus ROX Solution</b><br><i>For Borrelia burgdorferi detection. Contains ROX dye.</i>  | E0451-01   | 50 reactions € 152.00    |                          |
|  | E0451-02   | 100 reactions € 295.00   |                          |
| <b>dNTPs/rNTPs</b>   |            |                          |                          |
| <b>10 mM Ultrapure dNTPs Set</b><br><i>Ultrapure set of dNTPs contains 4 separate 10 mM solutions of dATP, dCTP, dGTP and dTTP.</i>  | E0501-01   | 4 x 200 µl € 8.00        |                          |
|  | E0501-02   | 4 x 1 ml € 40.00         |                          |
| <b>100 mM Ultrapure dNTPs Set</b><br><i>Ultrapure set of dNTPs contains 4 separate 100 mM solutions of dATP, dCTP, dGTP and dTTP.</i>  | <b>B</b>   | E0502-01                 | 4 x 200 µl € 50.00       |
|  |            | E0502-02                 | 4 x 1 ml € 235.00        |
| <b>10 mM Ultrapure dNTPs Mix</b><br><i>Mix of dNTPs contains dATP, dCTP, dGTP and dTTP in concentration of 10 mM each.</i>   | E0503-01   | 1 ml € 50.00             |                          |
|  | E0503-02   | 5 x 1 ml € 200.00        |                          |
| <b>100 mM Ribo-Nucleotides Set</b><br><i>Ultrapure set of rNTPs contains 4 separate 100 mM solutions of rATP, rCTP, rGTP and rUTP.</i>   | E0601-01   | 4 x 200 µl € 35.00       |                          |
|  | E0601-02   | 4 x 1 ml € 150.00        |                          |





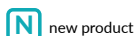
| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER   | PACKAGE                      | PRICE                 |
|--|--|------------------------------|-----------------------|
| <b>PROTEINS &amp; CHEMICALS FOR PCR</b>  |  |                              |                       |
| <b>Gp 32 Protein</b><br><i>Single-stranded DNA Binding Protein of T4 bacteriophage.</i>  | E1170-01<br>E1170-02   | 100 µg<br>500 µg             | € 54.00<br>€ 225.00   |
| <b>Single-stranded DNA Binding Protein</b><br><i>Single-stranded DNA Binding Protein from Escherichia coli.</i>  | E4200-01<br>E4200-02   | 100 µg<br>500 µg             | € 45.00<br>€ 180.00   |
| <b>Taq Single-stranded DNA Binding Protein</b><br><i>Single-stranded DNA Binding Protein from Thermus aquaticus.</i>                                       | E4300-01<br>E4300-02   | 50 µg<br>250 µg              | € 45.00<br>€ 180.00   |
| <b>Uracil - N - Glycosylase (UNG)</b><br><i>Eliminates uracil from DNA molecules, prevents carryover contamination between reactions.</i>                  | E1250-01   | 500 u                        | € 49.00               |
| <b>Thermolabile Uracil - N - Glycosylase (UNG)</b><br><i>Eliminates uracil from DNA molecules. Heat inactivation (5 minutes at 50°C).</i>                  | E1251-01   | 500 u                        | € 49.00               |
| <b>2. TRANSCRIPTION &amp; REVERSE TRANSCRIPTION</b>  |  |                              |                       |
| <b>HEXAMERS &amp; OLIGONUCLEOTIDES</b>   |  |                              |                       |
| <b>Random Hexamer Primers</b><br><i>A mixture of single-stranded random hexonucleotides with 5' and 3' - hydroxyl ends (5' NNNNNN 3').</i>                 | E0101-01   | 20 µg                        | € 25.00               |
| <b>Oligo(dT)<sub>20</sub> Primers</b><br><i>The solution of oligonucleotides composed of 20 deoxythymidylic acid residues.</i>                             | E0105-01   | 25 µg                        | € 50.00               |
| <b>TRANSCRIPTION KITS</b>  |  |                              |                       |
| <b>T7 transcription kit</b><br><i>T7 transcription kit with modified T7 RNA Polymerase for higher tolerance towards modified nucleotides.</i>              | E0901-01<br>E0901-02   | 25 reactions<br>50 reactions | € 100.00<br>€ 180.00  |
| <b>Apt-Get 2'-F T7 Transcription Kit 2'-Fluoro-Pyrimidine Set</b><br><i>T7 transcription kit for synthesis of nuclease-resistant RNA</i>                   | E0905-01<br>E0905-02   | 25 reactions<br>50 reactions | € 100.00<br>€ 180.00  |
| <b>REVERSE TRANSCRIPTASES</b>  |  |                              |                       |
| <b>AMV Reverse Transcriptase Native</b><br><i>Native RNA dependent DNA polymerase from Avian Myeloblastosis Virus.</i>                                     |  E1372-01<br>E1372-02 | 500 u<br>2 500 u             | € 68.00<br>€ 272.00   |
| <b>HIV Reverse Transcriptase</b><br><i>RNA dependent DNA polymerase from Human Immunodeficiency Virus.</i>   | E1373-01<br>E1373-02   | 500 u<br>2 500 u             | € 270.00<br>€ 1080.00 |
| <b>Tth Reverse Transcriptase</b><br><i>RNA dependent DNA polymerase from Thermus thermophilus, active at elevated temperatures.</i>                        | E1374-01<br>E1374-02   | 100 u<br>500 u               | € 72.00<br>€ 288.00   |
| <b>smART Reverse Transcriptase</b><br><i>Recombinant reverse transcriptase with reduced RNase H activity, increased thermal activity and processivity.</i> | E1376-01<br>E1376-02   | 10 000 u<br>4 x 10 000 u     | € 60.00<br>€ 215.00   |

| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER                       | PACKAGE                                       | PRICE                           |
|--|----------------------------------|---|---------------------------------|
| <b>REVERSE TRANSCRIPTION CHEMICALS &amp; KITS</b>  |                                  |   |                                 |
| <b>NG dART RT kit</b><br><i>New Generation! For amplification of DNA from any RNA with high specificity and sensitivity in a two-step process.</i>   | E0801-01<br>E0801-02<br>E0801-03 | 25 reactions<br>100 reactions<br>50 reactions | € 50.00<br>€ 165.00<br>€ 90.00  |
| <b>NG dART RT-PCR kit</b><br><i>New Generation! For amplification of DNA from any RNA template with high specificity and sensitivity in a two-step process cDNA template is used to amplify ds DNA of interest using high fidelity OptiTaQ DNA Polymerase.</i> | E0802-01<br>E0802-02             | 25 reactions<br>100 reactions                 | € 55.00<br>€ 185.00             |
| <b>OneStep RT-PCR kit</b><br><i>For amplification of DNA from any RNA with high specificity and sensitivity in single tube.</i>  | E0803-01<br>E0803-02             | 25 reactions<br>100 reactions                 | € 60.00<br>€ 230.00             |
| <b>smART First Strand cDNA Synthesis Kit</b><br><i>cDNA synthesis kit based on thermostable and highly processive smART reverse transcriptase.</i>   | E0804-01<br>E0804-02<br>E0804-03 | 2 000 u<br>10 000 u<br>4 x 10 000 u           | € 35.00<br>€ 125.00<br>€ 400.00 |
| <b>smART RT-PCR kit</b><br><i>Complete two-step RT-PCR kit based on smART reverse transcriptase and Opti-TaQ DNA polymerase.</i>   | E0805-01<br>E0805-02             | 25 reactions<br>100 reactions                 | € 60.00<br>€ 230.00             |
| <b>smART RT-qPCR</b><br><i>Complete two-step RT-PCR kit based on smART reverse transcriptase and SG (2x) qPCR master mix.</i>  | E0806-01<br>E0806-02             | 25 reactions<br>100 reactions                 | € 60.00<br>€ 230.00             |
| <b>Positive Control Set for RT-PCR</b><br><i>Set of primers and synthetic RNA template for positive control of RT-PCR reaction.</i>  | E0820-01                         | 20 reactions                                  | € 25.00                         |
| <b>SG OneStep qRT-PCR kit</b><br><i>Universal solution for quantitative real-time RT-PCR in single tube.</i>   | E0810-01<br>E0810-02             | 25 reactions<br>100 reactions                 | € 25.00<br>€ 100.00             |
| <b>SG OneStep qRT-PCR kit, plus ROX solution</b><br><i>Universal solution for quantitative real-time RT-PCR in single tube with reference ROX dye.</i>   | E0811-01<br>E0811-02             | 25 reactions<br>100 reactions                 | € 28.00<br>€ 106.00             |
| <b>Probe OneStep RT-qPCR kit</b><br><i>Universal solution for quantitative real-time RT-PCR with probes in single tube.</i>  | E0812-01<br>E0812-02             | 25 reactions<br>100 reactions                 | € 25.00<br>€ 100.00             |
| <b>Probe OneStep RT-qPCR kit, plus ROX solution</b><br><i>Universal solution for quantitative real-time RT-PCR with probes in single tube with reference ROX dye.</i>  | E0813-01<br>E0813-02             | 25 reactions<br>100 reactions                 | € 28.00<br>€ 106.00             |
| <b>Ribonuclease Inhibitor</b><br><i>Ribonuclease inhibitor suitable for use in enzymatic reactions (RNase-free).</i>   | E4210-01<br>E4210-02             | 7 500 u<br>37 500 u                           | € 95.00<br>€ 380.00             |
| <b>Placental Ribonuclease Inhibitor</b><br><i>Recombinant human placental protein which specifically inhibits ribonucleases A, B and C.</i>  | E4215-01<br>E4215-02             | 2 000 u<br>10 000 u                           | € 48.00<br>€ 190.00             |
| <b>3. MOLECULAR WEIGHT MARKERS</b>   |                                  |   |                                 |
| <b>PROTEIN MOLECULAR WEIGHT MARKERS</b>  |                                  |   |                                 |
| <b>Perfect™ Color Protein Ladder</b><br><i>Prestained protein ladder for sizing polypeptides ranging from 7 kDa to 240 kDa (7, 15, 20, 25, 35, 50, 70, 100, 140, 240 kDa).</i>   | E3215-01                         | 50 loadings                                   | € 55.00                         |
| <b>Perfect™ Tricolor Protein Ladder</b><br><i>Prestained protein ladder for sizing polypeptides ranging from 11 kDa to 245 kDa (11, 17, 20, 25, 35, 48, 63, 75, 100, 135, 180, 245 kDa).</i>   | E3210-01                         | 50 loadings                                   | € 55.00                         |



| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER           | PACKAGE                      | PRICE                |
|--|----------------------|------------------------------|----------------------|
| <b>DNA MOLECULAR WEIGHT MARKERS</b>  |                      |                              |                      |
| <b>Perfect Plus™ 50-500 bp DNA Ladder</b><br><i>Ready to use ladder for sizing small DNA fragments from 50 to 500 bp (50, 100, 250, 400, 500 bp).</i>  | E3145-01<br>E3145-02 | 100 loadings<br>500 loadings | € 55.00<br>€ 220.00  |
| <b>Perfect Plus™ 2 kb DNA Ladder</b><br><i>Ready to use DNA ladder for sizing DNA fragments from 50 - 2000 bp (50, 150, 300, 500, 750, 1000, 1500, 2000 bp).</i>                                       | E3140-01<br>E3140-02 | 100 loadings<br>500 loadings | € 55.00<br>€ 220.00  |
| <b>Perfect Plus™ Molecular Weight Quantitative DNA</b><br><i>Ready to use DNA ladder for sizing and quantifying DNA fragments from 100 to 5000 bp (100, 250, 500, 750, 1000, 1500, 2000, 5000 bp).</i> | E3161-01<br>E3161-02 | 100 loadings<br>500 loadings | € 55.00<br>€ 220.00  |
| <b>Perfect™ 100 bp DNA Ladder</b><br><i>Ready to use DNA ladder for sizing DNA fragments from 100 to 2500 bp (100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500, 2000, 2500 bp).</i>             | E3134-01<br>E3134-02 | 50 µg<br>250 µg              | € 45.00<br>€ 180.00  |
| <b>Perfect™ 100-1000 bp DNA Ladder</b><br><i>Ready to use DNA ladder for sizing DNA fragments from 100 to 1000 bp (100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 bp).</i>                          | E3141-01<br>E3141-02 | 50 µg<br>250 µg              | € 45.00<br>€ 180.00  |
| <b>Perfect™ 1 kb DNA Ladder</b><br><i>Ready to use DNA ladder for sizing DNA fragments from 500 to 10000 bp (500, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000 bp).</i>                 | E3130-01<br>E3130-02 | 100 µg<br>500 µg             | € 36.00<br>€ 144.00  |
| <b>Perfect Plus™ 1 kb DNA Ladder</b><br><i>Ready to use DNA ladder for sizing DNA fragments from 250 to 10000 bp (250, 500, 750, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000 bp).</i>  | E3131-01<br>E3131-02 | 100 µg<br>500 µg             | € 39.00<br>€ 156.00  |
| <b>FLUORESCENT-LABELED DNA MOLECULAR WEIGHT MARKERS</b>  |                      |                              |                      |
| <b>GENEFLO™ 625 DNA ladder, ROX Labeled</b><br><i>Fluorescent-labeled DNA ladder for use with ABI PRISM™ genetic analysers. Contains ROX dye.</i>  | E3125-01<br>E3125-02 | 100 loadings<br>800 loadings | € 50.00<br>€ 250.00  |
| <b>GENEFLO™ 625 DNA ladder, TAMRA Labeled</b><br><i>Fluorescent-labeled DNA ladder for use with ABI PRISM™ genetic analysers. Contains TAMRA dye.</i>  | E3126-01<br>E3126-02 | 100 loadings<br>800 loadings | € 50.00<br>€ 250.00  |
| <b>4. MESOTHERMAL POLYMERASES</b>  |                      |                              |                      |
| <b>DNA Polymerase Alpha</b><br><i>Human DNA Polymerase.</i>  | E1075-01<br>E1075-02 | 50 u<br>200 u                | € 270.00<br>€ 920.00 |
| <b>DNA Polymerase Gamma</b><br><i>Human DNA Polymerase.</i>  | E1076-01<br>E1076-02 | 50 u<br>200 u                | € 270.00<br>€ 920.00 |
| <b>DNA Polymerase Beta</b><br><i>Human DNA Polymerase.</i>   | E1077-01<br>E1077-02 | 50 u<br>200 u                | € 210.00<br>€ 720.00 |
| <b>Bst DNA Polymerase exo-</b><br><i>Large exonuclease free fragment of thermophilic Bst DNA Polymerase with strand displacement activity.</i>   | E1078-01<br>E1078-02 | 100 u<br>500 u               | € 12.00<br>€ 48.00   |
| <b>DNA Polymerase I</b><br><i>DNA-dependent DNA polymerase with inherent 3'-&gt;5' and 5'-&gt;3' exonuclease activity (E. coli).</i>   | E1080-01<br>E1080-02 | 500 u<br>2 500 u             | € 45.00<br>€ 180.00  |
| <b>Klenow Fragment</b><br><i>Large fragment of E. coli DNA Polymerase I (polymerase and proofreading 3'-&gt;5' exonuclease activities).</i>  | E1091-01<br>E1091-02 | 200 u<br>1 000 u             | € 45.00<br>€ 180.00  |
| <b>Klenow Fragment exo-</b><br><i>Large fragment of E. coli DNA Polymerase I (lacks 3'-&gt;5' exonuclease and 5'-&gt;3' exonuclease activities).</i>   | E1092-01<br>E1092-02 | 200 u<br>1 000 u             | € 45.00<br>€ 180.00  |

Vertel



new product



bestseller



unique



promotion

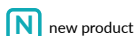
| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER | PACKAGE  | PRICE    |
|--|------------|----------|----------|
| <b>Poly (A) Polymerase</b><br><i>Poly (A) Polymerase is E. coli derived polymerase, polyadenylating 3' termini of RNA.</i>   | E1240-01   | 40 u     | € 50.00  |
|  | E1240-02   | 200 u    | € 198.00 |
| <b>T4 DNA Polymerase</b><br><i>T4 DNA Polymerase exhibits very strong 3'-&gt;5' exonuclease activity.</i>  | E1100-01   | 200 u    | € 54.00  |
|  | E1100-02   | 1 000 u  | € 216.00 |
| <b>T7 RNA Polymerase</b><br><i>Modified T7 RNA Polymerase with higher tolerance towards modified nucleotides.</i>  | E1290-01   | 5 000 u  | € 68.00  |
|  | E1290-02   | 25 000 u | € 225.00 |
| <b>Terminal Deoxynucleotidyl Transferase</b><br><i>Catalyzes the addition of deoxyribonucleotide monophosphate from triphosphate to the 3' hydroxyl terminus of DNA.</i> | E1390-01   | 300 u    | € 50.00  |
|  | E1390-02   | 1 500 u  | € 198.00 |

## 5. NUCLEASES

|  |          |              |          |
|--|----------|--------------|----------|
| <b>OMNI Nuclease</b><br><i>Nonspecific nuclease that completely degrades all forms of DNA and RNA.</i>                                     | E1120-01 | 20 000 u     | € 30.00  |
|  | E1120-02 | 100 000 u    | € 135.00 |
| <b>DNase I (RNase-free)</b><br><i>Nonspecific DNase that degrades both double-stranded and single-stranded DNA endonucleolytically.</i>    | E1345-01 | 1 000 u      | € 50.00  |
|  | E1345-02 | 5 000 u      | € 240.00 |
| <b>RNase I</b><br><i>Completely nonspecific RNase that hydrolyzes phosphodiester bond after all four bases.</i>                            | E1300-01 | 10 000 u     | € 63.00  |
|  | E1300-02 | 50 000 u     | € 252.00 |
| <b>RNase III</b><br><i>Cleaves long double-stranded RNA (dsRNA) into short dsRNAs (13-30 bases).</i>                                       | E1340-01 | 200 u        | € 98.00  |
|  | E1340-02 | 1 000 u      | € 392.00 |
| <b>RNase A (DNase-free)</b><br><i>Endoribonuclease that attacks at the 3' phosphate of a pyrimidine nucleotide.</i>                        | E1350-01 | 10 mg (1 ml) | € 23.00  |
|  | E1350-02 | 50 mg (5 ml) | € 95.00  |
| <b>RNase H</b><br><i>Endonuclease that selectively cleaves the RNA of RNA-DNA hybrids.</i>   | E1330-01 | 250 u        | € 49.50  |
|  | E1330-02 | 1 250 u      | € 198.00 |
| <b>Exonuclease I</b><br><i>Catalyzes the removal of nucleotides from single-stranded DNA in the 3' to 5' direction.</i>                    | E1150-01 | 4 000 u      | € 45.00  |
|  | E1150-02 | 20 000 u     | € 180.00 |
| <b>Exonuclease III</b><br><i>Exonuclease III is a 3'-&gt;5' exonuclease, releasing 5'-mononucleotides from the 3'-ends of DNA strands.</i> | E1140-01 | 25 000 u     | € 45.00  |
|  | E1140-02 | 125 000 u    | € 180.00 |
| <b>Exonuclease T5</b><br><i>Catalyzes the removal of nucleotides from dsDNA and ssDNA in the 5' to 3' direction.</i>                       | E1130-01 | 1 000 u      | € 45.00  |
|  | E1130-02 | 5 000 u      | € 180.00 |
| <b>Lambda Exonuclease</b><br><i>Double-stranded specific DNase, digests one DNA strand starting from 5' terminus.</i>                      | E1180-01 | 1 000 u      | € 45.00  |
|  | E1180-02 | 5 000 u      | € 180.00 |
| <b>Mung Bean Nuclease</b><br><i>Single-stranded specific DNA and RNA endonuclease.</i>   | E1190-01 | 2 000 u      | € 45.00  |
|  | E1190-02 | 10 000 u     | € 180.00 |
| <b>S1 Nuclease</b><br><i>Non-specific endonuclease, active primarily on single-stranded DNA and RNA.</i>                                   | E1335-01 | 10 000 u     | € 36.00  |
|  | E1335-02 | 50 000 u     | € 141.00 |

## 6. LIGASES & CLONING KITS

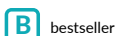
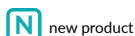
|   |          |              |          |
|---|----------|--------------|----------|
| <b>DNA Ligase (E. coli)</b>   | E1065-01 | 500 u        | € 113.00 |
|   | E1065-02 | 2 500 u      | € 450.00 |
| <b>T4 DNA Ligase (E. coli infected with bacteriophage T4)</b>       | E1060-01 | 20 000 u     | € 54.00  |
|   | E1060-02 | 100 000 u    | € 216.00 |
| <b>Taq DNA Ligase (Thermus aquaticus)</b>                           | E1070-01 | 1 000 u      | € 36.00  |
|   | E1070-02 | 5 000 u      | € 144.00 |
| <b>GibON Assembly</b><br><i>Cloning kit based on Gibson method.</i> | E1050-01 | 10 reactions | € 100.00 |
|   | E1050-02 | 50 reactions | € 400.00 |



| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER                       | PACKAGE                        | PRICE                |
|--|----------------------------------|--------------------------------|----------------------|
| <b>7. SPECIAL PURPOSE ENZYMES &amp; REAGENTS</b>   |                                  |                                |                      |
| <b>DNA Modification</b>  |                                  |                                |                      |
| <b>Alkaline Phosphatase (Calf Intestinal)</b><br><i>Calf intestine derived phosphatase which catalyzes the the removal of 5'-phosphate from DNA.</i>   | E1025-01<br>E1025-02             | 1 000 u<br>5 000 u             | € 45.00<br>€ 180.00  |
| <b>Polar - BAP Thermosensitive Alkaline Phosphatase</b><br><i>Catalyzes the removal of 5'-phosphate from DNA and RNA. Heat inactivation (5 minutes at 70°C).</i>   | <b>B</b><br>E1027-01<br>E1027-02 | 1 000 u<br>5 000 u             | € 48.00<br>€ 235.00  |
| <b>Fast Polar - BAP Thermosensitive Alkaline Phosphatase</b><br><i>Catalyzes the removal of 5'-phosphate from DNA and RNA. Heat inactivation (5 minutes at 70°C), short reaction time.</i>                                     | E1028-01<br>E1028-02             | 1 000 u<br>5 000 u             | € 58.00<br>€ 280.00  |
| <b>Exo-BAP Kit*</b><br><i>* Please check the availability for your country.<br/>Allows quick and effective removing of any unconsumed dNTPs and primers prior sequencing reaction (contains enzymes in separate vials).</i>    | <b>B</b><br>E1011-01<br>E1011-02 | 100 reactions<br>500 reactions | € 35.00<br>€ 170.00  |
| <b>Exo-BAP Mix*</b><br><i>* Please check the availability for your country.<br/>Allows quick and effective removing of any unconsumed dNTPs and primers prior sequencing reaction (contains optimized mixture of enzymes).</i> | E1012-01<br>E1012-02             | 100 reactions<br>500 reactions | € 35.00<br>€ 170.00  |
| <b>T4 Polynucleotide Kinase</b><br><i>Catalyzes the phosphorylation of 5' hydroxyl termini of ds and ss DNA or RNA.</i>  | E1261-01<br>E1261-02             | 1 000 u<br>5 000 u             | € 68.00<br>€ 272.00  |
| <b>Thermophilic Pyrophosphatase (Thermus aquaticus)</b><br><i>Thermostable pyrophosphatase, hydrolyzing inorganic pyrophosphate into phosphate.</i>  | E1267-01<br>E1267-02             | 50 u<br>250 u                  | € 68.00<br>€ 272.00  |
| <b>Rec A Protein (E. coli)</b><br><i>Recombinated protein that enhances interaction and exchange of homologous DNA strands.</i>  | E1370-01<br>E1370-02             | 0.2 mg<br>1 mg                 | € 62.00<br>€ 245.00  |
| <b>Endocyclase N15 (Protelomerase N15)</b><br><i>Catalyzes formation of covalent links between complementary DNA 5'- and 3'- ends (hairpin).</i>   | <b>U</b><br>E4410-01<br>E4410-02 | 50 u<br>250 u                  | € 89.00<br>€ 398.00  |
| <b>DNA Replication</b>   |                                  |                                |                      |
| <b>SV40 Large Antigen</b><br><i>The major regulatory protein of SV40 virus.</i>  | <b>U</b><br>E5800-01<br>E5800-02 | 20 µg<br>100 µg                | € 170.00<br>€ 650.00 |
| <b>COT DNA</b>   |                                  |                                |                      |
| <b>Human COT DNA</b><br><i>Human placenta COT DNA optimized for a size range of 50 to 300 bp.</i>  | E4110-01<br>E4110-02             | 0.5 mg<br>2 mg                 | € 95.00<br>€ 360.00  |
| <b>Uncut Human Placental DNA</b>   | E4111-01<br>E4111-02             | 0.5 mg<br>2 mg                 | € 95.00<br>€ 360.00  |

| PRODUCT NAME & DESCRIPTION  | CAT.NUMBER        | PACKAGE     | PRICE    |
|---|-------------------|-------------|----------|
| <b>DNA - precipitation &amp; visualisation</b>  |                   |             |          |
| <b>Vivid Violet DNA/ RNA Co-Precipitate</b>   | <b>B</b> E4502-01 | 250 µl      | € 45.00  |
| <b>SimplySafe™</b>  | <b>B</b> E4600-01 | 1 ml        | € 48.00  |
| <i>New and safe nucleic acid stain, an alternative to the traditional ethidium bromide stain.</i>           | E4600-02          | 10 ml       | € 405.00 |
| <b>Enzyme stabilizing agents</b>  |                   |             |          |
| <b>Bovine Serum Albumin</b>   | E4020-01          | 75 mg       | € 45.00  |
| <i>BSA acetylated to inactivate contaminating nucleases, used as a supplement in biochemical reactions.</i> | E4020-02          | 375 mg      | € 180.00 |
| <b>Agarases</b>   |                   |             |          |
| <b>Agarase</b>  | E4800-01          | 100 u       | € 50.00  |
| <i>Allows for a simple, quantitative recovery of intact nucleic acids from agarose gels.</i>                | E4800-02          | 500 u       | € 180.00 |
| <b>8. WATER, BUFFERS &amp; SOLUTIONS (Molecular Biology Grade)</b>  |                   |             |          |
| <b>RNase-free water</b>   | E0210-01          | 5 x 1.5 ml  | € 18.00  |
| <i>DEPC-treated and nuclease-free water for RNA work.</i>   | E0210-02          | 5 x 5.0 ml  | € 31.00  |
|   | E0210-03          | 500 ml      | € 39.00  |
| <b>PCR water</b>  | E0211-01          | 5 x 1.5 ml  | € 25.00  |
| <i>Ultrapure, sterile, deionized, double distilled and prealiquoted water.</i>                              | E0211-02          | 10 x 1.5 ml | € 45.00  |
| <b>Nuclease-free water, not DEPC treated</b>  | E0212-01          | 100 ml      | € 18.00  |
| <i>For DNA targeted reactions such as PCR, ligation and restriction digestions.</i>                         | E0212-02          | 1 l         | € 48.00  |
| <b>50 x TAE</b>   | E0220-01          | 500 ml      | € 30.00  |
|   | E0220-02          | 1 l         | € 50.00  |
| <b>5 x TBE</b>  | E0230-01          | 1 l         | € 20.00  |
|   | E0230-02          | 5 x 1 l     | € 90.00  |
| <b>0.5 M EDTA pH 8.0</b>  | E0240-01          | 100 ml      | € 16.00  |
|   | E0240-02          | 500 ml      | € 25.00  |
|   | E0240-03          | 1 l         | € 45.00  |
| <b>1 x TE pH 8.0</b>  | E0250-01          | 500 ml      | € 16.00  |
|   | E0250-02          | 1 l         | € 22.00  |
|   | E0250-03          | 5 x 1 l     | € 100.00 |
| <b>1M Tris-HCl pH 6.8</b>   | E0270-01          | 1 l         | € 35.00  |
| <b>1M Tris-HCl pH 7.0</b>   | E0271-01          | 1 l         | € 35.00  |
| <b>1M Tris-HCl pH 7.5</b>   | E0272-01          | 1 l         | € 35.00  |
| <b>1M Tris-HCl pH 8.0</b>   | E0273-01          | 1 l         | € 35.00  |
| <b>1M Tris-HCl pH 8.8</b>   | E0274-01          | 1 l         | € 35.00  |
| <b>5 x TG</b>   | E0254-01          | 500 ml      | € 30.00  |
|   | E0254-02          | 1 l         | € 55.00  |
| <b>5 x TGS</b>  | E0255-01          | 500 ml      | € 30.00  |
|   | E0255-02          | 1 l         | € 55.00  |
| <b>1 x PBS</b>  | E0281-01          | 500 ml      | € 12.00  |
|   | E0281-02          | 1 l         | € 20.00  |
| <b>1 x PBS (without Mg and Ca ions)</b>   | E0282-01          | 500 ml      | € 10.00  |
|   | E0282-02          | 1 l         | € 18.00  |

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| PRODUCT NAME & DESCRIPTION  | CAT.NUMBER | PACKAGE   | PRICE   |
|---|------------|-----------|---------|
| <b>6 x Loading Buffer BLUE</b><br><i>For loading a DNA sample on agarose and polyacrylamide gels.</i>   | E0260-01   | 5 x 1 ml  | € 25.00 |
| <b>6 x Loading Buffer RED</b><br><i>For loading a DNA sample on agarose and polyacrylamide gels.</i>  | E0261-01   | 5 x 1 ml  | € 25.00 |
| <b>6 x Loading Buffer GREEN</b><br><i>For loading a DNA sample on agarose and polyacrylamide gels.</i>  | E0262-01   | 5 x 1 ml  | € 25.00 |
| <b>6 x Loading Buffer YELLOW</b><br><i>For loading a DNA sample on agarose and polyacrylamide gels.</i>   | E0263-01   | 5 x 1 ml  | € 25.00 |
| <b>6 x Loading Buffer TriDye</b><br><i>For loading a DNA sample on agarose and polyacrylamide gels.</i>   | E0265-01   | 5 x 1 ml  | € 25.00 |
| <b>Extraction Buffer (CTAB based)</b><br><i>For quick and efficient lysis of plant cells.</i>   | E0290-01   | 1 l       | € 50.00 |
| <b>BlueStain Sensitive*</b><br><i>* Please check the availability for your country<br/>Fast and safe staining of proteins after SDS-PAGE. Minimal sensitivity - 35 ng of protein.</i>       | E0298-01   | 1 l       | € 44.00 |
| <b>BlueStain Sensitive Plus*</b><br><i>* Please check the availability for your country.<br/>Fast and safe staining of proteins after SDS-PAGE. Minimal sensitivity - 20 ng of protein.</i> | E0297-01   | 1 l       | € 42.00 |
| <b>4 x Protein Loading Buffer</b><br><i>SDS-PAGE sample buffer, without β-mercaptoethanol.</i>  | E0268-01   | 5 x 1 ml  | € 25.00 |
| <b>4 x Protein Loading Buffer Plus</b><br><i>SDS-PAGE sample buffer, with β-mercaptoethanol.</i>  | E0269-01   | 10 x 1 ml | € 25.00 |

#### 9. XELEX KITS

Aptamers allow distinct molecules to bind to target structures with high specificity and affinity by non-covalent molecular interactions (with respect to certain features aptamers resemble antibodies). Aptamer selection against a broad range of target structures is possible, including proteins, polysaccharides, various large and small organic molecules (drug compounds) and even small metal ions.

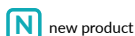


#### XELEX kits for aptamer in vitro evolution and selection.

|  |          |                    |          |
|--|----------|--------------------|----------|
| <b>XELEX DNA CORE Kit (Combo)</b>          | E3650-01 | 50 sel. / 25 anal. | € 245.00 |
| <b>XELEX DNA CORE Kit (Selection unit)</b> | E3651-01 | 50 selections      | € 155.00 |
| <b>XELEX DNA CORE Kit (Analysis unit)</b>  | E3652-01 | 25 analysis        | € 100.00 |
| <b>XELEX RNA CORE Kit</b>                  | E3660-01 | 50 selections      | € 365.00 |

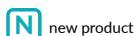
#### 10. PROTEASES, ENZYMES & REAGENTS FOR PROTEOMICS

|  |                      |                     |                     |
|--|----------------------|---------------------|---------------------|
| <b>Proteinase K</b><br><i>Solution 20 mg/ml.</i>   | E4350-01<br>E4350-02 | 1 ml<br>5 x 1 ml    | € 20.00<br>€ 90.00  |
| <b>Sortase A</b><br><i>Protein-protein ligase/ transpeptidase.</i>   | E4400-01             | 20 µg               | € 75.00             |
| <b>TEV Protease</b><br><i>A cysteine protease that specifically recognizes and cleaves a linear epitope.</i> | E4310-01<br>E4310-02 | 1 000 u<br>10 000 u | € 60.00<br>€ 540.00 |
| <b>Lysozyme</b><br><i>Improves bacterial cell lysis (10 mg/ml).</i>  | E4320-01<br>E4320-02 | 1 ml<br>5 x 1 ml    | € 25.00<br>€ 120.00 |



| PRODUCT NAME & DESCRIPTION  |           |                      |                      | CAT.NUMBER             | PACKAGE                   | PRICE               |
|---|-----------|----------------------|----------------------|------------------------|---------------------------|---------------------|
| <b>11. TISSUE CULTURE MEDIA COMPONENTS &amp; REAGENTS</b>   |           |                      |                      |                        |                           |                     |
| Fetal Bovine Serum<br><i>Origin: Brazil, certified for EU (not heat inactivated).</i>                                   |           |                      |                      | E5050-02               | 500 ml                    | € 70.00             |
| Fetal Bovine Serum<br><i>Origin: Brazil, certified for EU (heat inactivated).</i>                                       |           |                      |                      | E5051-02               | 500 ml                    | € 74.00             |
| <b>12. AGAROSSES (Molecular Biology Grade)</b>  |           |                      |                      |                        |                           |                     |
| Agarose<br><i>Ideal for everyday analysis of nucleic acids by gel electrophoresis or blotting.</i>                      |           |                      |                      | E0301-100<br>E0301-500 | 100 g<br>500 g            | € 40.00<br>€ 150.00 |
| High Resolution Agarose<br><i>Separates small DNA and RNA fragments between 20 and 800 bp in length.</i>                |           |                      |                      | E0302-50               | 50 g                      | € 120.00            |
| Low Melting Agarose<br><i>Recommended for convenient recovery of nucleic acids after electrophoresis.</i>               |           |                      |                      | E0303-50               | 50 g                      | € 115.00            |
| Agarose tablets<br><i>Agarose is supplied in convenient tablet form. Each agarose tablet consists of 0.5 g agarose.</i> |           |                      |                      | E0305-01<br>E0305-02   | 50 tablets<br>200 tablets | € 30.00<br>€ 110.00 |
| <b>13. RESTRICTION ENDONUCLEASES</b>  |           |                      |                      |                        |                           |                     |
| Enzyme  | Prototype | Reaction temperature | Recognition sequence | Catalog number         | Package                   | Price               |
| AccI  | AccI      | 37°C                 | GT / MKAC            | E2004-01<br>E2004-02   | 500 u<br>2 500 u          | € 50.00<br>€ 200.00 |
| AcvI  | PmaCI     | 37°C                 | CAC / GTG            | E2005-01<br>E2005-02   | 1 500 u<br>7 500 u        | € 36.00<br>€ 143.00 |
| AluI  | AluI      | 37°C                 | AG / CT              | E2010-01<br>E2010-02   | 500 u<br>2 500 u          | € 33.00<br>€ 130.00 |
| ApaI  | ApaI      | 25°C                 | GGGCC / C            | E2015-01<br>E2015-02   | 5 000 u<br>25 000 u       | € 45.00<br>€ 180.00 |
| AvaI  | AvaI      | 37°C                 | C / YCGRG            | E2006-01<br>E2006-02   | 2 000 u<br>10 000 u       | € 36.00<br>€ 143.00 |
| Avall   | Avall     | 37°C                 | G / GWCC             | E2007-01<br>E2007-02   | 1 000 u<br>5 000 u        | € 39.00<br>€ 156.00 |
| Ball  | Ball      | 37°C                 | TGG / CCA            | E2008-01<br>E2008-02   | 250 u<br>1 250 u          | € 57.00<br>€ 228.00 |
| BamHI   | BamHI     | 37°C                 | G / GATCC            | E2050-01<br>E2050-02   | 10 000 u<br>50 000 u      | € 36.00<br>€ 143.00 |
| BanII   | HgiII     | 37°C                 | GRGCV / C            | E2060-01<br>E2060-02   | 1 000 u<br>5 000 u        | € 41.00<br>€ 162.00 |
| BglI  | BglI      | 37°C                 | GCCNNNN / NGGC       | E2080-01<br>E2080-02   | 2 000 u<br>10 000 u       | € 36.00<br>€ 143.00 |
| BglII   | BglII     | 37°C                 | A / GATCT            | E2090-01<br>E2090-02   | 2 000 u<br>10 000 u       | € 36.00<br>€ 143.00 |
| BsiHKCI   | AvaI      | 65°C                 | C / YCGRG            | E2109-01<br>E2109-02   | 10 000 u<br>50 000 u      | € 41.00<br>€ 162.00 |
| BssHII  | BsePI     | 50°C                 | G / CGCGC            | E2115-01<br>E2115-02   | 200 u<br>1 000 u          | € 41.00<br>€ 162.00 |
| BstXI   | BstXI     | 50°C                 | CCANNNNN / NTGG      | E2118-01<br>E2118-02   | 1 000 u<br>5 000 u        | € 41.00<br>€ 162.00 |
| Clal  | Clal      | 37°C                 | AT / CGAT            | E2110-01<br>E2110-02   | 1 000 u<br>5 000 u        | € 46.00<br>€ 184.00 |

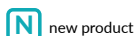
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| PRODUCT NAME & DESCRIPTION |                  |      |                      | CAT.NUMBER | PACKAGE  | PRICE    |
|----------------------------|------------------|------|----------------------|------------|----------|----------|
| CviJI                      | CviJI            | 37°C | RG / CY              | E2125-01   | 100 u    | € 113.00 |
|                            |                  |      |                      | E2125-02   | 400 u    | € 360.00 |
| CviJI*                     | <b>U</b> CviJI*  | 37°C | G / C except YG / CR | E2126-01   | 100 u    | € 149.00 |
|                            |                  |      |                      | E2126-02   | 400 u    | € 475.00 |
| Ddel                       | Ddel             | 37°C | C / TNAG             | E2140-01   | 500 u    | € 50.00  |
|                            |                  |      |                      | E2140-02   | 2 500 u  | € 200.00 |
| Dpnl                       | Dpnl             | 37°C | GA / TC              | E2135-01   | 500 u    | € 35.00  |
|                            |                  |      |                      | E2135-02   | 2 500 u  | € 135.00 |
| Dral                       | Ahall            | 37°C | TTT / AAA            | E2145-01   | 2 000 u  | € 33.00  |
|                            |                  |      |                      | E2145-02   | 10 000 u | € 130.00 |
| EcoRI                      | <b>B</b> EcoRI   | 37°C | G / AATTC            | E2150-01   | 10 000 u | € 33.00  |
|                            |                  |      |                      | E2150-02   | 50 000 u | € 130.00 |
| EcoRV                      | EcoRV            | 37°C | GAT / ATC            | E2160-01   | 2 000 u  | € 33.00  |
|                            |                  |      |                      | E2160-02   | 10 000 u | € 130.00 |
| FokI                       | FokI             | 37°C | GGATG (9/13)         | E2170-01   | 500 u    | € 36.00  |
|                            |                  |      |                      | E2170-02   | 2 500 u  | € 143.00 |
| HaellI                     | HaellI           | 37°C | GG / CC              | E2180-01   | 3 000 u  | € 33.00  |
|                            |                  |      |                      | E2180-02   | 15 000 u | € 130.00 |
| Hhal                       | Hhal             | 37°C | GCG / C              | E2190-01   | 2 000 u  | € 50.00  |
|                            |                  |      |                      | E2190-02   | 10 000 u | € 200.00 |
| HincII                     | HindII           | 37°C | GTY / RAC            | E2200-01   | 1 000 u  | € 36.00  |
|                            |                  |      |                      | E2200-02   | 5 000 u  | € 143.00 |
| HindIII                    | <b>B</b> HindIII | 37°C | A / AGCTT            | E2220-01   | 10 000 u | € 33.00  |
|                            |                  |      |                      | E2220-02   | 50 000 u | € 130.00 |
| Hinfl                      | Hinfl            | 37°C | G / ANTC             | E2240-01   | 5 000 u  | € 36.00  |
|                            |                  |      |                      | E2240-02   | 25 000 u | € 143.00 |
| Hpal                       | Hpal             | 37°C | GTT / AAC            | E2250-01   | 500 u    | € 33.00  |
|                            |                  |      |                      | E2250-02   | 2 500 u  | € 130.00 |
| HpaII                      | HpaII            | 37°C | C / CGG              | E2260-01   | 2 000 u  | € 33.00  |
|                            |                  |      |                      | E2260-02   | 10 000 u | € 130.00 |
| KpnI                       | KpnI             | 37°C | GGTAC / C            | E2280-01   | 3 000 u  | € 36.00  |
|                            |                  |      |                      | E2280-02   | 15 000 u | € 143.00 |
| MboI                       | MboI             | 37°C | / GATC               | E2283-01   | 200 u    | € 36.00  |
|                            |                  |      |                      | E2283-02   | 1 000 u  | € 143.00 |
| MbolI                      | MbolI            | 37°C | GAAGA (8/7)          | E2284-01   | 250 u    | € 36.00  |
|                            |                  |      |                      | E2284-02   | 1 250 u  | € 143.00 |
| MluI                       | MluI             | 37°C | A / CGCGT            | E2287-01   | 1 000 u  | € 36.00  |
|                            |                  |      |                      | E2287-02   | 5 000 u  | € 143.00 |
| MnlI                       | MnlI             | 37°C | CCTC (7/6)           | E2289-01   | 250 u    | € 36.00  |
|                            |                  |      |                      | E2289-02   | 1 250 u  | € 143.00 |
| MspI                       | HpaII            | 37°C | C / CGG              | E2290-01   | 5 000 u  | € 36.00  |
|                            |                  |      |                      | E2290-02   | 25 000 u | € 143.00 |
| NarI                       | NarI             | 37°C | GG / CGCC            | E2291-01   | 200 u    | € 36.00  |
|                            |                  |      |                      | E2291-02   | 1 000 u  | € 143.00 |
| NcoI                       | <b>B</b> NcoI    | 37°C | C / CATGG            | E2292-01   | 1 000 u  | € 36.00  |
|                            |                  |      |                      | E2292-02   | 5 000 u  | € 143.00 |
| NdeI                       | NdeI             | 37°C | CA / TATG            | E2293-01   | 500 u    | € 25.00  |
|                            |                  |      |                      | E2293-02   | 2 500 u  | € 100.00 |
| NheI                       | NheI             | 37°C | G / CTAGT            | E2294-01   | 500 u    | € 25.00  |
|                            |                  |      |                      | E2294-02   | 2 500 u  | € 100.00 |
| NotI                       | NotI             | 37°C | GC / GGCCGC          | E2296-01   | 500 u    | € 50.00  |
|                            |                  |      |                      | E2296-02   | 2 500 u  | € 200.00 |
| NruI                       | NruI             | 37°C | TCG / CGA            | E2297-01   | 1 000 u  | € 36.00  |
|                            |                  |      |                      | E2297-02   | 5 000 u  | € 143.00 |
| NsiI                       | NsiI             | 37°C | ATGCA / T            | E2298-01   | 1 000 u  | € 50.00  |
|                            |                  |      |                      | E2298-02   | 5 000 u  | € 200.00 |
| PinAI                      | AgeI             | 37°C | A / CCGGT            | E2299-01   | 200 u    | € 55.00  |
|                            |                  |      |                      | E2299-02   | 1 000 u  | € 217.00 |

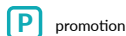
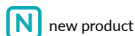
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| PRODUCT NAME & DESCRIPTION |         |      |                  | CAT.NUMBER | PACKAGE  | PRICE    |
|----------------------------|---------|------|------------------|------------|----------|----------|
| PstI                       | PstI    | 37°C | CTGCA / G        | E2300-01   | 10 000 u | € 41.00  |
|                            |         |      |                  | E2300-02   | 50 000 u | € 162.00 |
| PvuI                       | PvuI    | 37°C | CGAT / CG        | E2320-01   | 200 u    | € 33.00  |
|                            |         |      |                  | E2320-02   | 1 000 u  | € 130.00 |
| PvuII                      | PvuII   | 37°C | CAG / CTG        | E2331-01   | 5 000 u  | € 41.00  |
|                            |         |      |                  | E2331-02   | 25 000 u | € 162.00 |
| RsaI                       | RsaI    | 37°C | GT / AC          | E2340-01   | 1 000 u  | € 36.00  |
|                            |         |      |                  | E2340-02   | 5 000 u  | € 143.00 |
| RsrII                      | RsrII   | 37°C | CG / GWCCG       | E2342-01   | 100 u    | € 36.00  |
|                            |         |      |                  | E2342-02   | 500 u    | € 143.00 |
| SacI                       | SacI    | 37°C | GAGCT / C        | E2350-01   | 2 000 u  | € 36.00  |
|                            |         |      |                  | E2350-02   | 10 000 u | € 143.00 |
| SacII                      | SacII   | 37°C | CCGC / GG        | E2352-01   | 2 000 u  | € 36.00  |
|                            |         |      |                  | E2352-02   | 10 000 u | € 143.00 |
| Sall                       | Sall    | 37°C | G / TCGAC        | E2371-01   | 2 000 u  | € 41.00  |
|                            |         |      |                  | E2371-02   | 10 000 u | € 162.00 |
| Sau3AI                     | MboI    | 37°C | / GATC           | E2375-01   | 200 u    | € 41.00  |
|                            |         |      |                  | E2375-02   | 1 000 u  | € 162.00 |
| Scal                       | Scal    | 37°C | AGT / ACT        | E2378-01   | 1 000 u  | € 36.00  |
|                            |         |      |                  | E2378-02   | 5 000 u  | € 143.00 |
| Scal                       | Scal    | 37°C | AGT / ACT        | E2379-01   | 1 000 u  | € 41.00  |
|                            |         |      |                  | E2379-02   | 5 000 u  | € 162.00 |
| SfiI                       | SfiI    | 50°C | GGCCN>NN / NGGCC | E2380-01   | 2 000 u  | € 41.00  |
|                            |         |      |                  | E2380-02   | 10 000 u | € 162.00 |
| SmaI                       | SmaI    | 25°C | CCC / GGG        | E2390-01   | 2 000 u  | € 36.00  |
|                            |         |      |                  | E2390-02   | 10 000 u | € 143.00 |
| SpeI                       | SpeI    | 37°C | A / CTAGT        | E2398-01   | 500 u    | € 41.00  |
|                            |         |      |                  | E2398-02   | 2 500 u  | € 162.00 |
| SphI                       | SphI    | 37°C | GCATG / C        | E2400-01   | 250 u    | € 36.00  |
|                            |         |      |                  | E2400-02   | 1 250 u  | € 143.00 |
| SspI                       | SspI    | 37°C | AAT / ATT        | E2402-01   | 1 000 u  | € 41.00  |
|                            |         |      |                  | E2402-02   | 5 000 u  | € 162.00 |
| StuI                       | StuI    | 37°C | AGG / CCT        | E2405-01   | 1 000 u  | € 36.00  |
|                            |         |      |                  | E2405-02   | 5 000 u  | € 143.00 |
| TaqI                       | TaqI    | 65°C | T / CGA          | E2410-01   | 4 000 u  | € 36.00  |
|                            |         |      |                  | E2410-02   | 20 000 u | € 143.00 |
| TaqII                      | TaqII   | 65°C | GACCGA (11/9)    | E2411-01   | 100 u    | € 81.00  |
|                            |         |      |                  | E2411-02   | 500 u    | € 324.00 |
| TspDTI                     | TspDTI  | 70°C | ATGAA (11/9)     | E2502-01   | 50 u     | € 81.00  |
|                            |         |      |                  | E2502-02   | 250 u    | € 324.00 |
| TspGWI                     | TspGWI  | 70°C | ACGGA (11/9)     | E2501-01   | 50 u     | € 81.00  |
|                            |         |      |                  | E2501-02   | 250 u    | € 324.00 |
| Tth111I                    | Tth111I | 65°C | GACN / NNGTC     | E2420-01   | 1 000 u  | € 45.00  |
|                            |         |      |                  | E2420-02   | 5 000 u  | € 180.00 |
| XbaI                       | XbaI    | 37°C | T / CTAGA        | E2430-01   | 3 000 u  | € 36.00  |
|                            |         |      |                  | E2430-02   | 15 000 u | € 143.00 |
| XhoI                       | XhoI    | 37°C | C / TCGAG        | E2440-01   | 4 000 u  | € 36.00  |
|                            |         |      |                  | E2440-02   | 20 000 u | € 143.00 |

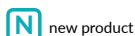
| PRODUCT NAME & DESCRIPTION   | CAT.NUMBER           | PACKAGE               | PRICE               |
|--|----------------------|-----------------------|---------------------|
| <b>14. RNA PURIFICATION SYSTEMS</b>  |                      |                       |                     |
| <b>GeneMATRIX HUMAN BLOOD RNA Purification Kit</b><br><i>Kit for isolation of total RNA from fresh human blood from leukocytes.</i>  | E3596-01             | 25 preps              | € 58.00             |
| <b>GeneMATRIX UNIVERSAL DNA/RNA/Protein Purification Kit</b><br><i>Kit for isolation of total DNA/RNA/Protein from the same biological sample (bacteria, tissue, plant, yeast, cell culture).</i>  | E3597-01<br>E3597-02 | 25 preps<br>100 preps | € 68.00<br>€ 250.00 |
| <b>GeneMATRIX UNIVERSAL RNA Purification Kit</b><br><i>Kit for isolation of total RNA from various sample (animal and plant tissue, bacteria, yeast, cell culture) and for purification of RNA after enzymatic reactions.</i>                              | E3598-01<br>E3598-02 | 25 preps<br>100 preps | € 52.00<br>€ 195.00 |
| <b>GeneMATRIX UNIVERSAL RNA/miRNA Purification Kit</b><br><i>Universal kit for isolation of miRNA, total RNA or miRNA and total RNA together, from the tissue, plant and cell culture, as well as for purification of miRNA after enzymatic reactions.</i> | E3599-01<br>E3599-02 | 25 preps<br>100 preps | € 58.00<br>€ 215.00 |
| <b>GeneMATRIX UNIVERSAL BLOOD RNA Purification Kit</b><br><i>Universal kit for isolation of total RNA from human or animal blood sample, fresh or frozen with stabilizers.</i>   | E3594-01             | 25 preps              | € 132.00            |
| <b>GeneMATRIX FPPE RNA Purification Kit</b><br><i>Kit for isolation of RNA from formalin-fixed, paraffin-embedded samples.</i>   | E3593-01<br>E3593-02 | 25 preps<br>100 preps | € 68.00<br>€ 250.00 |
| <b>GeneMATRIX ENVIRONMENTAL DNA &amp; RNA Purification Kit</b><br><i>Kit for isolation and purification genomic DNA and total RNA. For stool, soil and environmental samples.</i>  | E3572-01<br>E3572-02 | 25 preps<br>100 preps | € 58.00<br>€ 215.00 |
| <b>GeneMATRIX VIRAL RNA/DNA Purification Kit</b><br><i>Kit for simultaneous purification of viral RNA / DNA from plasma, serum and cell-free body fluids.</i>  | E3592-01<br>E3592-02 | 25 preps<br>100 preps | € 58.00<br>€ 215.00 |
| <b>15. DNA PURIFICATION SYSTEMS</b>  |                      |                       |                     |
| <b>GeneMATRIX PLASMID MINIPREP DNA Purification Ki</b><br><i>Kit for isolation of high-purity plasmid DNA (1.5-4 ml bacterial culture).</i>  | E3500-01<br>E3500-02 | 50 preps<br>150 preps | € 49.00<br>€ 138.00 |
| <b>GeneMATRIX SHORT DNA CLEAN - UP Purification Kit</b><br><i>Kit for purification of short single-stranded and double-stranded DNA fragments after enzymatic reactions.</i>   | E3515-01<br>E3515-02 | 25 preps<br>100 preps | € 39.00<br>€ 140.00 |
| <b>GeneMATRIX PCR/ DNA CLEAN - UP Purification Kit</b><br><i>Kit for purification of PCR products / DNA after enzymatic reactions.</i>   | E3520-01<br>E3520-02 | 50 preps<br>150 preps | € 42.00<br>€ 115.00 |
| <b>GeneMATRIX AGAROSE - OUT DNA Purification Kit</b><br><i>Universal kit for purification of DNA from agarose gels.</i>  | E3540-01<br>E3540-02 | 50 preps<br>150 preps | € 50.00<br>€ 140.00 |
| <b>GeneMATRIX BASIC DNA Purification Kit</b><br><i>Universal kit for purification of PCR products / DNA after enzymatic reactions, isolation of DNA from agarose gels and purification of plasmid DNA from bacteria.</i>                                   | E3545-01<br>E3545-02 | 50 preps<br>150 preps | € 52.00<br>€ 154.00 |
| <b>GeneMATRIX TISSUE DNA Purification Kit</b><br><i>Universal kit for isolation of DNA from human and animal tissues, cultured cells, rodents tails, hair and insects.</i>   | E3550-01<br>E3550-02 | 50 preps<br>150 preps | € 80.00<br>€ 225.00 |
| <b>GeneMATRIX TISSUE &amp; BACTERIAL DNA Purification Kit</b><br><i>Kit for isolation of total DNA from human and animal tissues and bacteria.</i>   | E3551-01<br>E3551-02 | 50 preps<br>150 preps | € 82.00<br>€ 230.00 |
| <b>GeneMATRIX CELL CULTURE DNA Purification Kit</b><br><i>Kit for isolation of DNA from human and animal cell cultures.</i>  | E3555-01<br>E3555-02 | 50 preps<br>150 preps | € 80.00<br>€ 225.00 |
| <b>GeneMATRIX BONE DNA Purification Kit</b><br><i>Kit for isolation of DNA from animal or human bones.</i>   | E3560-01<br>E3560-02 | 25 preps<br>50 preps  | € 73.00<br>€ 135.00 |
| <b>GeneMATRIX QUICK BLOOD DNA Purification Kit</b><br><i>Kit for quick isolation of DNA from fresh or frozen blood.</i>  | E3565-01<br>E3565-02 | 50 preps<br>150 preps | € 86.00<br>€ 235.00 |

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| PRODUCT NAME & DESCRIPTION  | CAT.NUMBER | PACKAGE       | PRICE    |
|---|------------|---------------|----------|
| <b>GeneMATRIX SOIL DNA Purification Kit</b><br><i>Kit for isolation of DNA from soil.</i>   | E3570-01   | 50 preps      | € 104.00 |
|   | E3570-02   | 100 preps     | € 200.00 |
| <b>GeneMATRIX STOOL DNA Purification Kit</b><br><i>Kit for isolation of DNA from stool.</i>   | E3575-01   | 50 preps      | € 104.00 |
|   | E3575-02   | 100 preps     | € 200.00 |
| <b>GeneMATRIX BACTERIAL &amp; YEAST GENOMIC DNA Purification Kit</b><br><i>Universal kit for isolation of total DNA from bacteria Gram+, Gram- and yeast.</i>   | E3580-01   | 50 preps      | € 80.00  |
|   | E3580-02   | 150 preps     | € 225.00 |
| <b>GeneMATRIX GRAM PLUS &amp; YEAST GENOMIC DNA Purification Kit</b><br><i>Universal kit for isolation of total DNA from bacteria Gram+ and yeast.</i>  | E3585-01   | 25 preps      | € 49.00  |
|   | E3585-02   | 100 preps     | € 190.00 |
| <b>GeneMATRIX PLANT &amp; FUNGI DNA Purification Kit</b><br><i>Universal kit for isolation of total DNA from plants, fungi and lichens.</i>   | E3595-01   | 50 preps      | € 92.00  |
|   | E3595-02   | 150 preps     | € 255.00 |
| <b>GeneMATRIX BIO-TRACE DNA Purification Kit</b><br><i>Kit for isolation of DNA from biological traces from various samples for clinical and forensic analysis.</i>   | E3510-01   | 25 preps      | € 54.00  |
|   | E3510-02   | 100 preps     | € 200.00 |
| <b>GeneMATRIX SWAB-EXTRACT DNA Purification Kit</b><br><i>Kit for isolation of DNA from swabs for clinical and forensic analysis.</i>   | E3530-01   | 25 preps      | € 39.00  |
|   | E3530-02   | 100 preps     | € 145.00 |
| <b>GeneMATRIX FOOD-EXTRACT DNA Purification Kit</b><br><i>Kit for isolation of DNA from fresh and processed food of plant or animal origin.</i>   | E3525-01   | 25 preps      | € 54.00  |
|   | E3525-02   | 100 preps     | € 200.00 |
| <b>GeneMATRIX AGROBACTERIUM PLASMID MINIPREP DNA Purification Kit</b><br><i>Kit for isolation of DNA from Agrobacterium tumefaciens (0.5-2 ml bacterial culture).</i>   | E3535-01   | 50 preps      | € 64.00  |
|   | E3535-02   | 150 preps     | € 180.00 |
| <b>DNA/RNA Extracol Kit</b><br><i>Complete kit containing spin columns and phenol based chemicals for the isolation of total DNA and RNA from diverse samples.</i>  | E3750-01   | 25 preps      | € 50.00  |
|   | E3750-02   | 100 preps     | € 175.00 |
| <b>Universal kit for DNA isolation with GeDI solution</b><br><i>Complete kit containing spin columns and ready-to-use GeDI reagent for the isolation of total DNA from diverse samples.</i>   | E3765-01   | 25 preps      | € 50.00  |
|   | E3765-02   | 100 preps     | € 175.00 |
| <b>AnEx Plasmid Midiprep DNA purification Kit</b><br><i>Kit for isolation of plasmid DNA in midi format based on ion exchange chromatography.</i>   | E3790-01   | 4 preps       | € 25.00  |
|   | E3790-02   | 8 preps       | € 48.00  |
| <b>16. EMULSION KITS</b>  |            |               |          |
| <b>Micellula DNA Emulsion &amp; Purification Kit</b><br><i>Kit for creation of emulsions and subsequent DNA purification.</i><br><i>For in vitro compartmentalization (IVC) and for emulsion PCR (ePCR).</i>  | E3600-01   | 50 preps      | € 75.00  |
|   | E3600-02   | 150 preps     | € 210.00 |
| <b>17. CHEMICALS, BUFFERS &amp; ACCESSORIES FOR DNA/RNA PURIFICATION SYSTEMS</b>  |            |               |          |
| <b>Buffer from DNA/RNA Purification Kit</b><br><i>Not applicable for AnEx Plasmid Midiprep DNA Purification Kit, DNA/RNA Extracol Kit and LyseBlood buffer.</i><br><i>While ordering please indicate the catalog number of the DNA/RNA Purification System.</i> | E0309-01   | 25/50 preps   | € 12.00  |
|   | E0309-02   | 100/150 preps | € 25.00  |

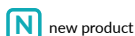
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| PRODUCT NAME & DESCRIPTION  | CAT.NUMBER                       | PACKAGE                    | PRICE                          |
|---|----------------------------------|----------------------------|--------------------------------|
| <b>Lyse CT buffer</b><br>Solely for E3595 system. Additional lysing solution for plant tissues rich in polysaccharides.   | E0324-01<br>E0324-02             | 50 preps<br>150 preps      | € 11.00<br>€ 25.00             |
| <b>Lyse RBC buffer 1x</b><br>Redy for use lysing solution for red blood cells.  | E0326-01<br>E0326-02             | 100 ml<br>250 ml           | € 10.00<br>€ 20.00             |
| <b>fix RNA*</b><br>* Please check the availability for your country.<br>RNA stabilization reagent.  | E0280-01<br>E0280-02<br>E0280-03 | 100 ml<br>200 ml<br>500 ml | € 48.00<br>€ 90.00<br>€ 215.00 |
| <b>RNA Extracol</b><br>Ready-to-use reagent, phenol based, for the isolation of total RNA from samples of diverse origins.  | E3700-01<br>E3700-02             | 25 ml<br>100 ml            | € 15.00<br>€ 55.00             |
| <b>AFRO1</b><br>Antifoaming reagent for EURx lysis buffers.   | E0328-01<br>E0328-02             | 0,2 ml<br>1 ml             | € 10.00<br>€ 45.00             |
| <b>BeadTubeDry</b><br>Tubes containing glass spheres in two sizes for homogenization samples of diverse origin, especially bacteria and yeasts.   | E0358-01<br>E0358-02             | 25 preps<br>100 preps      | € 25.00<br>€ 80.00             |
| <b>Tissue Grinding Tool</b><br>Combination of microtube, beads and pestle for homogenization of small samples of tissue, bacteria, yeast or cell cultures. One can choose from two types of beads:<br>a. Zirconia/ Silica beads 0.5 mm, b. Granet sharp particles 0.3 mm.<br><i>While ordering please indicate the a/b letter next to a catalog number.</i> | E0359-01<br>E0359-02             | 10 preps<br>50 preps       | € 15.00<br>€ 65.00             |
| <b>Universal solution for DNA isolation (GeDI)</b><br>Ready-to-use reagent, mixture of detergents and salts for DNA isolation from samples of diverse origins.  | E3760-01<br>E3760-02             | 25 ml<br>100 ml            | € 25.00<br>€ 80.00             |
| <b>Tissue mini grinder</b><br>Ready-to-use tissue mini grinder.   | E0357-01                         | 1 piece                    | € 50.00                        |

### 18. COLUMNS FOR DNA/RNA PURIFICATION SYSTEMS

|   |                      |                               |                     |
|---|----------------------|-------------------------------|---------------------|
| <b>Columns for DNA Purification</b><br>Columns for selected DNA Purification Systems.<br><i>While ordering please indicate the catalog number of the DNA Purification System.</i>   | E0330-01<br>E0330-02 | 25 columns<br>100 columns     | € 20.00<br>€ 70.00  |
| <b>Columns for RNA Purification</b><br>Columns set (binding and homogenization columns) for selected RNA Purification Systems.<br><i>While ordering please indicate the catalog number of the RNA Purification System.</i>              | E0340-01<br>E0340-02 | 2x25 columns<br>2x100 columns | € 30.00<br>€ 110.00 |
| <b>Collecting tubes without caps</b><br>Collecting tubes (2.0 ml) without caps, ready to use for all purification steps except elution.<br><i>While ordering please indicate the catalog number of the DNA/RNA Purification System.</i> | E0350-01<br>E0350-02 | 25 tubes<br>100 tubes         | € 20.00<br>€ 50.00  |
| <b>Elution tubes</b><br>Elution tubes (1.5 ml) ready for elution of DNA and RNA. Capped tubes to ensure no loss of sample.  | E0355-01<br>E0355-02 | 25 tubes<br>100 tubes         | € 20.00<br>€ 50.00  |









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