



# PRODUCT CATALOGUE

2026





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### Required information for your order:

- Complete invoice and delivery address
- For orders from the EU: VAT-ID
- Contact name of the recipient with phone number & E-Mail address
- Customer number (if available)
- Article number & article name
- Package size & quantity of the ordered article



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## 1. EndoTrap® Family – Research Use Only (RUO)

### 1.1. EndoTrap® red Products

| Art. No. | Article Name                                     | Description                                                                                                                                                                        | Price (€) |
|----------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| LET0001  | EndoTrap® red 1/1                                | Kit contains:<br>EndoTrap® red 5x Equilibration Buffer 1 x 25 mL<br>EndoTrap® red 5x Regeneration Buffer 1 x 25 mL<br>EndoTrap® red Column 1 x 1 mL                                | 322,00    |
| LET0002  | EndoTrap® red 5/1                                | Kit contains:<br>EndoTrap® red 5x Equilibration Buffer 1 x 125 mL<br>EndoTrap® red 5x Regeneration Buffer 1 x 125 mL<br>EndoTrap® red Column 5 x 1 mL                              | 810,00    |
| LET0034  | EndoTrap® red Column 1 mL                        | The column contains 1 mL resin (filled up with buffer)                                                                                                                             | 175,00    |
| LET0033  | EndoTrap® red 5                                  | 5 ml settled resin (50% slurry)                                                                                                                                                    | 575,00    |
| LET0003  | EndoTrap® red 10                                 | 10 ml settled resin (50% slurry)                                                                                                                                                   | 1.120,00  |
| LET0004  | EndoTrap® red 50                                 | 50 ml settled resin (50% slurry)                                                                                                                                                   | 5.450,00  |
| LET0066  | EndoTrap® red 250                                | 250 ml settled resin (50% slurry)                                                                                                                                                  | 25.400,00 |
| LET0032  | EndoTrap® red Buffer Kit                         | 1 Buffer Kit is sufficient for 5 mL resin (EndoTrap® HD 5)<br>Kit contains:<br>EndoTrap® red 5x Equilibration Buffer 1 x 125 mL<br>EndoTrap® red 5x Regeneration Buffer 1 x 125 mL | 409,00    |
| LET0007  | EndoTrap® red<br>5x Equilibration Buffer, 125 mL |                                                                                                                                                                                    | 270,00    |
| LET0008  | EndoTrap® red<br>5x Regeneration Buffer, 125 mL  |                                                                                                                                                                                    | 270,00    |



## 1. EndoTrap® Family

### 1.2. EndoTrap® HD Products

| Art. No.       | Article Name                                      | Description                                                                                                                                                                                                                   | Price (€)        |
|----------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>LET0009</b> | <b>EndoTrap® HD 1/1</b>                           | Kit contains:<br>EndoTrap® HD 5x Equilibration Buffer 1 x 25 mL<br>EndoTrap® HD 5x Regeneration Buffer 1 x 25 mL<br>EndoTrap® HD 5x Storage Buffer 1 x 25 mL<br>EndoTrap® HD Column 1 x 1 mL                                  | <b>322,00</b>    |
| <b>LET0010</b> | <b>EndoTrap® HD 5/1</b>                           | Kit contains:<br>EndoTrap® HD 5x Equilibration Buffer 1 x 125 mL<br>EndoTrap® HD 5x Regeneration Buffer 1 x 125 mL<br>EndoTrap® HD 5x Storage Buffer 1 x 125 mL<br>EndoTrap® HD Column 5 x 1 mL                               | <b>810,00</b>    |
| <b>LET0035</b> | <b>EndoTrap® HD Column 1 mL</b>                   | The column contains 1 mL of resin filled up with buffer                                                                                                                                                                       | <b>168,00</b>    |
| <b>LET0067</b> | <b>EndoTrap® HD FPLC Column 5 mL – 17 x 35 mm</b> | The column contains 5 mL of resin filled up with buffer (LET0067 will replace our old format LET-HD-FPLC5ML)                                                                                                                  | <b>915,00</b>    |
| <b>LET0068</b> | <b>EndoTrap® HD FPLC Column 1 mL – 8 x 35 mm</b>  | The column contains 1 mL of resin filled up with buffer                                                                                                                                                                       | <b>256,00</b>    |
| <b>LET0023</b> | <b>EndoTrap® HD 5</b>                             | 5 mL settled resin (50% slurry)                                                                                                                                                                                               | <b>558,00</b>    |
| <b>LET0011</b> | <b>EndoTrap® HD 10</b>                            | 10 mL settled resin (50% slurry)                                                                                                                                                                                              | <b>1.090,00</b>  |
| <b>LET0012</b> | <b>EndoTrap® HD 50</b>                            | 50 mL settled resin (50% slurry)                                                                                                                                                                                              | <b>5.400,00</b>  |
| <b>LET0013</b> | <b>EndoTrap® HD 250</b>                           | 250 mL settled resin (50% slurry)                                                                                                                                                                                             | <b>25.200,00</b> |
| <b>LET0014</b> | <b>EndoTrap® HD Leakage ELISA</b>                 | Kit components:<br>EndoTrap® Leakage ELISA coated MTP (96 well plate)<br>EndoTrap® Leakage ELISA ABTS Substrate (20 mL)<br>EndoTrap® Leakage ELISA POD-Antibody (1 bottle)<br>EndoTrap® Leakage ELISA Standard (1 bottle)     | <b>910,00</b>    |
| <b>LET0031</b> | <b>EndoTrap® HD Buffer Kit</b>                    | 1 Buffer Kit is sufficient for 5 mL resin (EndoTrap® HD 5)<br>Kit contains:<br>EndoTrap® HD 5x Equilibration Buffer 1 x 125 mL<br>EndoTrap® HD 5x Regeneration Buffer 1 x 125 mL<br>EndoTrap® HD 5x Storage Buffer 1 x 125 mL | <b>630,00</b>    |



## 1. EndoTrap® Family

### 1.2. EndoTrap® HD Products

| Art. No. | Article Name                                    | Description | Price (€) |
|----------|-------------------------------------------------|-------------|-----------|
| LET0015  | EndoTrap® HD<br>5x Equilibration Buffer, 125 mL |             | 290,00    |
| LET0016  | EndoTrap® HD<br>5x Regeneration Buffer, 125 mL  |             | 290,00    |
| LET0017  | EndoTrap® HD<br>5x Storage Buffer, 125 mL       |             | 290,00    |

### 1.3. EndoGrade® Ovalbumin

| Art. No. | Article Name                     | Description                                                                                  | Price (€) |
|----------|----------------------------------|----------------------------------------------------------------------------------------------|-----------|
| LET0027  | EndoGrade® Ovalbumin,<br>25 mg   | EndoGrade® Ovalbumin, lyophilized, salt-free                                                 | 445,00    |
| LET0028  | EndoGrade® Ovalbumin,<br>100 mg  | EndoGrade® Ovalbumin, lyophilized, salt-free<br>= 4 x EndoGrade® Ovalbumin, 25 mg (LET0027)  | 1.580,00  |
| LET0029  | EndoGrade® Ovalbumin,<br>1000 mg | EndoGrade® Ovalbumin, lyophilized, salt-free<br>= 40 x EndoGrade® Ovalbumin, 25 mg (LET0027) | 15.550,00 |



## 1. EndoTrap® Family

### 1.4. EndoGrade® Water

| Art. No. | Article Name                                     | Description                                          | Price (€) |
|----------|--------------------------------------------------|------------------------------------------------------|-----------|
| LET0036  | EndoGrade® Water, 50 mL,<br>1 bottle             |                                                      | 8,75      |
| LET0037  | EndoGrade® Water, 100 mL,<br>1 bottle            |                                                      | 10,80     |
| LET0038  | EndoGrade® Water, 500 mL,<br>1 bottle            |                                                      | 15,90     |
| LET0022  | EndoGrade® Water, 50 mL,<br>30 bottles per pack  | 1 PU = 30 bottles EndoGrade® Water, 100 mL (LET0036) | 225,00    |
| LET0024  | EndoGrade® Water, 100 mL,<br>30 bottles per pack | 1 PU = 30 bottles EndoGrade® Water, 100 mL (LET0037) | 282,00    |
| LET0025  | EndoGrade® Water, 500 mL,<br>12 bottles per pack | 1 PU = 12 bottles EndoGrade® Water, 500 mL (LET0038) | 185,00    |

### 1.5. EndoTrap® / EndoGrade® Equipment

| Art. No. | Article Name                                   | Description                                                                                            | Price (€) |
|----------|------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------|
| LET0019  | Empty Columns Large<br>(pack of 5)             | pack of 5 Empty Columns Large                                                                          | 46,00     |
| LET0020  | Empty Columns Small<br>(pack of 5)             | pack of 5 Empty Columns Small                                                                          | 56,00     |
| LET0018  | Disposable Polypropylene<br>Funnel (pack of 5) | pack of 5 Disposable Polypropylene Funnel                                                              | 46,00     |
| LET0021  | Endo Grade® Glass Test Tubes                   | 112 endotoxin-free borosilicate glass test tubes with aluminium screw cap, capacity 5 mL, height 50 mm | 495,00    |



## 2. ELISA Kits - In-Vitro Diagnostic (IVD)

### 2.1. Human tuberculosis

| Art. No.               | Article Name                                             | Description                                                                                                                                                                                                                                                                                                                      | Price (€)     |
|------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>LIO-Feron 01_22</b> | <b>LIOFeron® TB/LTBI - HUMAN BLOOD STIMULATION TUBES</b> | for 22 tests<br>22 x PC (Positive Control)<br>22 x NC (Negative Control)<br>22 x TB A (TB antigen A)<br>22 x TB B (TB antigen B)<br><br><b>minimum order quantity: 10 kits</b>                                                                                                                                                   | <b>230,00</b> |
| <b>LIO-Feron 02_22</b> | <b>LIOFeron® TB/LTBI - HUMAN IFN-γ ELISA</b>             | for 22 tests<br>1 x MTP Microtiter plate (12 x 8 well strips)<br>2 x STA IFN-γ Standard<br>1 x DET Detection Antibody Solution<br>1 x CON Conjugate Solution<br>1 x TMB Substrate Solution<br>1 x STO Stop Solution<br>1 x WB Wash Buffer, Concentrate<br>1 x IB Incubation Buffer<br><br><b>minimum order quantity: 10 kits</b> | <b>420,00</b> |
| <b>LIO-Feron 02_44</b> | <b>LIOFeron® TB/LTBI - HUMAN IFN-γ ELISA</b>             | for 44 tests<br>2 x MTP Microtiter plate (12 x 8 well strips)<br>3 x STA IFN-γ Standard<br>1 x DET Detection Antibody Solution<br>1 x CON Conjugate Solution<br>1 x TMB Substrate Solution<br>1 x STO Stop Solution<br>2 x WB Wash Buffer, Concentrate<br>1 x IB Incubation Buffer<br><br><b>minimum order quantity: 10 kits</b> | <b>580,00</b> |



### 3. Rapid Tests - In-Vitro Diagnostics (IVD)

#### 3.1. Human tuberculosis

| Art. No. | Article Name | Description | Price (€) |
|----------|--------------|-------------|-----------|
|----------|--------------|-------------|-----------|

|         |                                                                |                                           |
|---------|----------------------------------------------------------------|-------------------------------------------|
| 3010_DE | <b>LIODetect® TB-ST</b><br><b>Tuberkulose Schnelltest (DE)</b> | 10 tests +1 dropper vial<br>PZN: 14184587 |
|---------|----------------------------------------------------------------|-------------------------------------------|

**Standard price (for doctors):**  
**46,00 €**

**Pharmacist price:**  
**42,00 €**

**Wholesale price:**  
**37,00 €**

|         |                                                                |                                           |
|---------|----------------------------------------------------------------|-------------------------------------------|
| 3010_EN | <b>LIODetect® TB-ST</b><br><b>Tuberculosis Rapid Test (EN)</b> | 10 tests +1 dropper vial<br>PZN: 14184587 |
|---------|----------------------------------------------------------------|-------------------------------------------|

**Standard price (for doctors):**  
**46,00 €**

**Pharmacist price:**  
**42,00 €**

**Wholesale price:**  
**37,00 €**



## 4. ELISA Kits - Research Use Only (RUO)

### 4.1. Human tuberculosis

| Art. No.  | Article Name           | Description                                                                                                                                                                   | Price (€) |
|-----------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| LIO-TUB01 | Tuberculosis IgG ELISA | Enzyme Immunoassay for the detection of human IgG antibodies to <i>M. tuberculosis</i> in serum or plasma.<br>96 determinations.<br><br><b>minimum order quantity: 5 kits</b> | 300,00    |
| LIO-TUB02 | Tuberculosis IgA ELISA | Enzyme Immunoassay for the detection of human IgA antibodies to <i>M. tuberculosis</i> in serum or plasma.<br>96 determinations.<br><br><b>minimum order quantity: 5 kits</b> | 300,00    |
| LIO-TUB03 | Tuberculosis IgM ELISA | Enzyme Immunoassay for the detection of human IgM antibodies to <i>M. tuberculosis</i> in serum or plasma.<br>96 determinations.<br><br><b>minimum order quantity: 5 kits</b> | 300,00    |

### 4.2. For the detection of animal antibodies against mycobacterial antigens

| Art. No.   | Article Name              | Description                                                                                                                                                                                                                                                                 | Price (€) |
|------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| LIO-TUB06B | BOVINE Tuberculosis ELISA | BOVINE Tuberculosis ELISA contains 2 microtiter plates with 96 wells each.<br>Serological ELISA test kit with ready-to-use components.<br>Detection of bovine antibodies against <i>M. bovis</i> antigens in serum and plasma.<br><br><b>minimum order quantity: 5 kits</b> | 290,00    |

## 5. Rapid Tests - Research Use Only (RUO)

### 5.1. Bovine tuberculosis

| Art. No. | Article Name                              | Description                                                                                                                                  | Price (€) |
|----------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 2010     | Animal TB Rapid - Tuberculosis Rapid Test | For 10 determinations.<br>For detecting antibodies against <i>M. bovis</i> in serum or plasma.<br><br><b>minimum order quantity: 10 kits</b> | 33,00     |



## 6. Recombinant\*\* Proteins - Research Use Only (RUO) on non-profit

### 6.1. Recombinant\*\* Proteins from Mycobacteria

All proteins are offered without determination of the endotoxin content.

If you need a determination of the endotoxin content, you can order this additionally (Art. No. LEM0001 /LEM0002).

If you need endotoxin removal for the proteins you ordered, you can order this additionally (Art. No. LEE0008).

The corresponding service is also listed in the tables of the catalogue.

| Art. No.   | Article Name                                            | Description                                                                                                                                                                                                                                                | Price (€)     |
|------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| LRP-0001.4 | <b>HSP60.1 recombinant protein,<br/>500 µg, soluble</b> | Recombinant HSP60.1 protein of <i>M. tuberculosis</i><br>Alternative names: Rv3417c, CPN60.1, 60 kDa Chaperonin 1, GROEL 1                                                                                                                                 | <b>625,00</b> |
| LRP-0002.4 | <b>HSP65 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant HSP65 protein of <i>M. bovis</i><br>Alternative names: 60 kDa Chaperonin 2 GROEL2 (Protein CPN60-2) (GROEL Protein 2) (65 kDa antigen) (Heat Shock Protein 65) (Cell Wall Protein A) (Antigen A)                                               | <b>625,00</b> |
| LRP-0003.4 | <b>HSP70 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant HSP70 protein of <i>M. tuberculosis</i><br>Alternative names: Rv0350, DnaK homologue, CP70, 70 kDa antigen                                                                                                                                     | <b>625,00</b> |
| LRP-0004.4 | <b>85A recombinant protein,<br/>500 µg, soluble</b>     | Recombinant 85A protein of <i>M. tuberculosis</i><br>Alternative names: Rv3804c, FbpA, secreted antigen 85-A, antigen 85 complex A, Mycolyl transferase 85A, Fibronectin-binding protein A                                                                 | <b>625,00</b> |
| LRP-0005.2 | <b>85B recombinant protein,<br/>500 µg, soluble</b>     | Recombinant 85B protein of <i>M. tuberculosis</i><br>Alternative names: Rv1886c, FbpB, secreted antigen 85-B, antigen 85 complex B, Mycolyl transferase 85B, Fibronectin-binding protein B, Extracellular alpha-antigen                                    | <b>625,00</b> |
| LRP-0006.2 | <b>MPT51 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant MPT51 protein of <i>M. tuberculosis</i><br>Alternative names: Rv3803c protein, secreted MPT51/MPB51 antigen, protein FbpD (FbpC1), antigen 85 complex C, Fibronectin-binding protein C, Member of Antigen 85 Complex of <i>M. tuberculosis</i> | <b>625,00</b> |
| LRP-0007.4 | <b>MPB70 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant MPB70 protein of <i>M. bovis</i><br>Alternative names: Mb2900                                                                                                                                                                                  | <b>625,00</b> |
| LRP-0008.4 | <b>MPB83 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant MPB83 protein of <i>M. bovis</i><br>Alternative names: -                                                                                                                                                                                       | <b>625,00</b> |

\*\* Produced in *E. coli* unless otherwise stated in "Description".



## 6. Recombinant\*\* Proteins - Research Use Only (RUO) on non-profit

### 6.1. Recombinant\*\* Proteins from Mycobacteria

All proteins are offered without determination of the endotoxin content.

If you need a determination of the endotoxin content, you can order this additionally (Art. No. LEM0001 /LEM0002).

If you need endotoxin removal for the proteins you ordered, you can order this additionally (Art. No. LEE0008).

The corresponding service is also listed in the tables of the catalogue.

| Art. No.     | Article Name                                            | Description                                                                                                                                                         | Price (€)     |
|--------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| LRP-0008N.4  | <b>MPB83N recombinant protein,<br/>500 µg, soluble</b>  | Recombinant MPB83N protein of <i>M. bovis</i><br>Alternative names: Mb2898                                                                                          | <b>625,00</b> |
| LRP-0009ms.4 | <b>MPT64 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant MPT64 protein of <i>M. tuberculosis</i><br>Alternative names: Rv1980c, MPB64<br>Source: The recombinant protein was expressed in<br><i>M. smegmatis</i> | <b>625,00</b> |
| LRP-0011.5   | <b>PstS1 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant PstS1 protein of <i>M. tuberculosis</i><br>Alternative names: Rv0934, PBP-1, 38 kDa antigen, PhoS,<br>PhoS homologue (1)                                | <b>625,00</b> |
| LRP-0012.2   | <b>Apa recombinant protein,<br/>500 µg, soluble</b>     | Recombinant Apa protein of <i>M. tuberculosis</i><br>Alternative names: Rv1860, MPT32, ModD                                                                         | <b>625,00</b> |
| LRP-0015.4   | <b>GlnA1 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant GlnA1 protein of <i>M. tuberculosis</i><br>Alternative names: Rv2220                                                                                    | <b>625,00</b> |
| LRP-0016.4   | <b>CFP10 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant CFP10 protein of <i>M. tuberculosis</i><br>Alternative names: Rv3874, Lhp                                                                               | <b>625,00</b> |
| LRP-0017.4   | <b>ESAT6 recombinant protein,<br/>500 µg, soluble</b>   | Recombinant ESAT6 protein of <i>M. tuberculosis</i><br>Alternative names: Rv3875, 6 kDa early secretory<br>antigenic target Esat6                                   | <b>625,00</b> |
| LRP-0018.4   | <b>Rv3019c recombinant protein,<br/>500 µg, soluble</b> | Recombinant Rv3019c protein of <i>M. tuberculosis</i><br>Alternative names: TB10.3, ES6_9                                                                           | <b>625,00</b> |
| LRP-0019C.5  | <b>16 kDa recombinant protein,<br/>500 µg, soluble</b>  | Recombinant 16 kDa protein of <i>M. tuberculosis</i><br>Alternative names: Rv2031c, 14 kDa antigen, 16 kDa<br>antigen, HSP16.3, acr, hspX                           | <b>625,00</b> |

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## 6. Recombinant\*\* Proteins - Research Use Only (RUO) on non-profit

### 6.1. Recombinant\*\* Proteins from Mycobacteria

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If you need endotoxin removal for the proteins you ordered, you can order this additionally (Art. No. LEE0008).

The corresponding service is also listed in the tables of the catalogue.

| Art. No.     | Article Name                                        | Description                                                                                                                                                                                                    | Price (€) |
|--------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| LRP-0019ms.2 | <b>16 kDa recombinant protein, 500 µg, soluble</b>  | Recombinant 16 kDa protein of <i>M. tuberculosis</i><br>Alternative names: Rv2031c, 14 kDa antigen, 16 kDa antigen, HSP16.3, acr, hspX<br>Source: The recombinant protein was expressed in <i>M. smegmatis</i> | 625,00    |
| LRP-0020.4   | <b>Rv0251c recombinant protein, 500 µg, soluble</b> | Recombinant Rv0251c protein of <i>M. tuberculosis</i><br>Alternative names: Acr2, HrpA, Hsp 20                                                                                                                 | 625,00    |
| LRP-0021.3   | <b>PstS3 recombinant protein, 500 µg, soluble</b>   | Recombinant PstS3 protein of <i>M. tuberculosis</i><br>Alternative names: Periplasmatic phosphate binding PstS3 lipoprotein of <i>M. tuberculosis</i> , Rv0928, PBP-3, PHOS1                                   | 625,00    |
| LRP-0022.5   | <b>AlaDH recombinant protein, 500 µg, soluble</b>   | Recombinant AlaDH protein of <i>M. tuberculosis</i><br>Alternative names: 240 kDa recombinant protein                                                                                                          | 940,00    |
| LRP-0024.2   | <b>19 kDa recombinant protein, 500 µg, soluble</b>  | Recombinant 19 kDa protein of <i>M. tuberculosis</i><br>Alternative names: Rv3763                                                                                                                              | 625,00    |
| LRP-0027.5   | <b>Tpx recombinant protein, 500 µg, soluble</b>     | Recombinant Tpx protein of <i>M. tuberculosis</i><br>Alternative names: Rv1932, CFP20                                                                                                                          | 625,00    |
| LRP-0029.2   | <b>Rv2626c recombinant protein, 250 µg, soluble</b> | Recombinant Rv2626c protein of <i>M. tuberculosis</i><br>Alternative names: Hrp1                                                                                                                               | 470,00    |
| LRP-0046.2   | <b>CFP21 recombinant protein, 500 µg, soluble</b>   | Recombinant CFP21 protein of <i>M. tuberculosis</i><br>Alternative names: Rv1984c                                                                                                                              | 625,00    |
| LRP-0047.2   | <b>Rv1986 recombinant protein, 500 µg, soluble</b>  | Recombinant Rv1986 protein of <i>M. tuberculosis</i><br>Alternative names: Rv1986                                                                                                                              | 625,00    |
| LRP-0053.2   | <b>Rv3615c recombinant protein, 500 µg, soluble</b> | recombinant Rv3615c protein of <i>M. tuberculosis</i><br>Alternative names: -                                                                                                                                  | 625,00    |

\*\* Produced in *E. coli* unless otherwise stated in "Description".



## 6. Recombinant\*\* Proteins - Research Use Only (RUO) on non-profit

### 6.1. Recombinant\*\* Proteins from Mycobacteria

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If you need endotoxin removal for the proteins you ordered, you can order this additionally (Art. No. LEE0008).

The corresponding service is also listed in the tables of the catalogue.

| Art. No.   | Article Name                                           | Description                                                                       | Price (€) |
|------------|--------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|
| LRP-0061.4 | <b>Rv0288 recombinant protein,<br/>500 µg, soluble</b> | Recombinant Rv0288 protein of <i>M. tuberculosis</i><br>Alternative names: -      | 625,00    |
| LRP-0062.3 | <b>Rv3020c rec. protein,<br/>500 µg, soluble</b>       | Recombinant Rv3020c protein of <i>M. tuberculosis</i><br>Alternative names: -     | 625,00    |
| LRP-0089.2 | <b>MPT63 recombinant protein,<br/>500 µg, soluble</b>  | Recombinant MPT63 protein of <i>M. tuberculosis</i><br>Alternative names: Rv1926c | 625,00    |
| LRP-0113.2 | <b>TB7.7 recombinant protein,<br/>500 µg, soluble</b>  | Recombinant TB7.7 protein of <i>M. tuberculosis</i><br>Alternative names: Rv2654c | 625,00    |
| LRP-0116.2 | <b>Rv1789 recombinant protein,<br/>500 µg, soluble</b> | Recombinant Rv1789 protein of <i>M. tuberculosis</i><br>Alternative names: -      | 625,00    |
| LRP-0117.2 | <b>Rv3478 recombinant protein,<br/>500 µg, soluble</b> | Recombinant Rv3478 protein of <i>M. tuberculosis</i><br>Alternative names: -      | 625,00    |
| LRP-0118.2 | <b>Rv3810 recombinant protein,<br/>500 µg, soluble</b> | Recombinant Rv3810 protein of <i>M. tuberculosis</i><br>Alternative names: -      | 625,00    |
| LRP-0121.2 | <b>Rv3620 recombinant protein,<br/>500 µg, soluble</b> | Recombinant Rv3620 protein of <i>M. tuberculosis</i><br>Alternative names: -      | 625,00    |
| LRP-0122.2 | <b>Rv0287 recombinant protein,<br/>500 µg, soluble</b> | Recombinant Rv0287 protein of <i>M. tuberculosis</i><br>Alternative names: -      | 625,00    |
| LRP-0129.5 | <b>AldMtb recombinant protein,<br/>500 µg, soluble</b> | Recombinant AldMtb protein of <i>M. tuberculosis</i><br>Alternative names: -      | 940,00    |
| LRP-0131.5 | <b>EC7 recombinant protein,<br/>500 µg, soluble</b>    | Recombinant EC7 protein of <i>M. tuberculosis</i><br>Alternative names: -         | 940,00    |

\*\* Produced in *E. coli* unless otherwise stated in "Description".



## 6.2. Recombinant\*\* Fusion Proteins from Mycobacteria

All proteins are offered without determination of the endotoxin content.

If you need a determination of the endotoxin content, you can order this additionally (Art. No. LEM0001 /LEM0002).

If you need endotoxin removal for the proteins you ordered, you can order this additionally (Art. No. LEE0008).

The corresponding service is also listed in the tables of the catalogue.

| Art. No.   | Article Name                                             | Description                                                                              | Price (€)     |
|------------|----------------------------------------------------------|------------------------------------------------------------------------------------------|---------------|
| LRP-0073.2 | <b>CEH (CFP10-ESAT6 fusion protein), 500 µg, soluble</b> | Recombinant CFP10-ESAT6 fusion protein of <i>M. tuberculosis</i><br>Alternative names: - | <b>880,00</b> |
| LRP-0074.2 | <b>ECH (ESAT6-CFP10 fusion protein), 500 µg, soluble</b> | Recombinant ESAT6-CFP10 fusion protein of <i>M. tuberculosis</i><br>Alternative names: - | <b>880,00</b> |
| LRP-0097.2 | <b>FP1b recombinant protein, 500 µg, soluble</b>         | Recombinant FP1b protein of <i>M. tuberculosis</i><br>Alternative names: -               | <b>880,00</b> |
| LRP-0099.2 | <b>Tetra-fusion recombinant protein, 500 µg, soluble</b> | Recombinant Tetra-fusion protein of <i>M. tuberculosis</i><br>Alternative names: -       | <b>880,00</b> |

\*\* Produced in *E. coli* unless otherwise stated in "Description".

## 7. Antigen Cocktails\*\*- Research Use Only (RUO) on non-profit

All protein cocktails are offered without determination of the endotoxin content.

If you need a determination of the endotoxin content, you can order this additionally (Art. No. LEM0001 /LEM0002).

If you need endotoxin removal for the protein cocktails you ordered, you can order this additionally (Art. No. LEE0008).

The corresponding service is also listed in the tables of the catalogue.

| Art. No.   | Article Name                                   | Description | Price (€)       |
|------------|------------------------------------------------|-------------|-----------------|
| ImCo3      | <b>Antigen Cocktail ImCo3, 200 µg, soluble</b> |             | <b>505,00</b>   |
| LiCo4      | <b>LiCo4, 500 µg, soluble</b>                  |             | <b>1.530,00</b> |
| LRP-0133.5 | <b>ESAT6-CFP10-Cocktail, 500 µg, soluble</b>   |             | <b>1.245,00</b> |
| BTBC01.1   | <b>Bovine TB Cocktail 01, 1 mg, soluble</b>    |             | <b>1.245,00</b> |

\*\* Produced in *E. coli* unless otherwise stated in "Description".



## 8. Endotoxin Determination / Removal

| Art. No. | Article Name                                                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Price (€)       |
|----------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| LEM0001  | <b>determination of the endotoxin content – express service</b>  | measuring of endotoxin content (required sample volume: 200 µL)<br>express service: measuring of endotoxin content within 2 working days after receipt of sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>220,00</b>   |
| LEM0002  | <b>determination of the endotoxin content – standard service</b> | measuring of endotoxin content (required sample volume: 200 µL)<br>standard service: measuring of endotoxin content within 7 working days after receipt of sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>195,00</b>   |
| LEE0008  | <b>Endotoxin removal – 1 sample - &lt; 100 EU/mg</b>             | <p>result of Endotoxin removal: &lt; 100 EU/mg</p> <p>The endotoxin removal includes the following steps:</p> <ol style="list-style-type: none"> <li>1. protein determination of sample before endotoxin removal</li> <li>2. endotoxin determination of sample before endotoxin removal</li> <li>3. endotoxin removal</li> <li>4. endotoxin determination of sample after endotoxin removal</li> <li>5. protein determination of sample after endotoxin removal</li> <li>6. SDS-PAGE of sample after endotoxin removal</li> <li>7. Return of sample - standard shipping with FedEx (on customer request, the return can also be done by express or refrigerated shipping, the cost of shipping carries the recipient / customer)</li> </ol> <p>requirement for endotoxin removal:<br/>A maximum of 10 mg protein can be added to a 1 mL column.<br/>The minimum protein concentration should be 500 µg/mL.</p> <p>It should be noted that some proteins may bind to the column material, resulting in the loss of the protein. LIONEX GmbH does not guarantee this. For this reason, it is recommended to have a preliminary test with a small sample volume before endotoxin removal (article number LEE0010, article name: endotoxin removal - pretest).</p> | <b>2.770,00</b> |
| LEE0010  | <b>Endotoxin removal - pretest</b>                               | <p>for pretest needed material: approx. 1 mg protein</p> <p>see description for LEE0008</p> <p>It should be noted that some proteins may bind to the column material, resulting in the loss of the protein. LIONEX GmbH does not guarantee this.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>1.325,00</b> |



## 9. Antibodies - Research Use Only (RUO) on non-profit

### 9.1. Antibodies for detection of mycobacterial proteins

**Antibodies are also available on request for some of our mycobacterial antigens.**

**If you are interested in the antibodies, please contact us to find out whether they are available.**

**The products are only for research. Commercial use is not permitted (except IVD).**

Further information to the products is available at [www.lionex.de](http://www.lionex.de) or via E-Mail ([info@lionex.de](mailto:info@lionex.de) / [sales@lionex.de](mailto:sales@lionex.de)) or phone +49 (0) 531 - 260 12 66.

**Special offers and Custom Services**

Some products are available for bulk quantities (please enquire). LPS-free products (means endotoxin content of less than 100 units/mg) are available at LIONEX GmbH (please enquire about the price).

LIONEX GmbH shall be glad to produce any antigen of your choice. Send us an E-Mail to [sales@lionex.de](mailto:sales@lionex.de).

Product information in this catalogue is a condensed version of our product specification. Product details on the website generally reflect the applications and conditions for use. Products should be used in accordance with the technical information sheet shipped with the product. LIONEX reserves the right to change product specifications without prior notice.

All products supplied by LIONEX are warranted, to the original purchaser only, to conform to our specifications provided with the shipment. This warranty does not extend to any product that has been modified in any way by person(s) other than LIONEX personnel or to any products that are handled contrary to the technical information sheet. Should any product fail to perform as warranted, upon notification to our Technical Service Department and investigation, LIONEX shall promptly replace it at no charge. Our obligation and your only remedy is limited to such replacement of the product or a full credit of the original purchase price of the product. LIONEX reserves the right to discontinue sales of any products or to change product descriptions and formulations at any time without prior notice to purchasers.

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The buyer is strictly prohibited from using, studying or analysing a product or a portion thereof to learn the respective design, construction, composition, operation or to reverse engineer, produce a copy or an improved version of the product or a functional similar material.

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- use of the product or its components in manufacturing;
- use of the products or its components in reverse engineering functionally similar materials;
- use of the product or its components to provide a service, information, or data;
- use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or
- resale of the product or its components, whether or not such product or its components are resold for use in research

If the purchaser is not willing to accept the limitations of this limited use statement, LIONEX requires immediate return of the product with a full refund.

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<https://lionex.de/allgemeine-verkaufsbedingung-general-terms-and-conditions-of-sale/>