

CERTIFICATE OF ANALYSIS

A33073 PureLink™ Expi Endotoxin-Free Maxi Sample Kit

Packaging Lot: 2792170

Expiry Date: 31.07.2024 (DD.MM.YYYY)

Storage: at room temperature

Filling lots for components in package:

| Lot | Quantity | Description |
|---------|----------|-----------------------------|
| 2782132 | 0.65 mL | RNase, 20 mg/ml |
| 2782040 | 30 mL | TE Buffer (TE) |
| 2782926 | 72 mL | Resuspension Buffer (R3) |
| 2783308 | 72 mL | Lysis Buffer (L7) |
| 2783245 | 72 mL | Precipitation Buffer (N3) |
| 2782061 | 132 mL | Elution Buffer (E4) |
| 2783278 | 330 mL | Wash Buffer (W8) |
| 2785190 | 25 mL | Endotoxin Removal Buffer |
| 2782748 | 1 mL | Lysis Indicator |
| 2782157 | 21 mL | Endotoxin Free Water |
| 2770368 | 1 pack | Maxi DNA binding Column |
| 2770478 | 4 each | Lysate Clarification Column |
| 2763382 | 1 pack | Endotoxin Free, 2 mL Tubes |
| 2770328 | 1 pack | 50 mL Collection tubes |

QUALITY CONTROL

| Parameter | Method | Requirement | Result |
|---------------------------------------|---|-------------------|----------|
| Rnase A Specific Activity | One unit is the amount of the enzyme which produces an increase in soluble reaction products by 1.0 A260 using yeast RNA as substrate in 15 minutes at 37°C. Fifty units are approximately equivalent to 1 Kunitz unit. | ≥ 5000 U/mg | Conforms |
| pH | Ph.Eur. 2.2.3. | Solution specific | Conforms |
| Density | Measured using a densitometer. | Solution specific | Conforms |
| Refractive Index | Measured using a refractometer. | Solution specific | Conforms |
| Conductivity | Measured using a conductometer. | Solution specific | Conforms |
| Endotoxin Levels | Endotoxin levels in Elution Buffer and Endo Free Water are measured using a Gel-Clot Limulus Amebocyte Lysate (LAL) assay. | <0.25 EU/mL | Conforms |
| Yield of purified control plasmid DNA | PureLink™ Expi Endotoxin-Free Maxi Sample Kits qualified by isolating a high copy number control plasmid DNA from 100 mL of overnight E. coli culture following the protocol outlined in the manual. | ≥ 750 µg | Conforms |
| Purity | A260/A280 ratio. | ≥1.8 | Conforms |

ISO CERTIFICATION

Manufactured by Thermo Fisher Scientific Baltics UAB, in compliance with ISO 9001 and ISO 13485 certified quality management system.

Quality authorized by QC:

J. Žilinskienė

