

## CERTIFICATE OF ANALYSIS

### 785001KT Thermo Sequenase™ Cycle Sequencing Kit

Packaging Lot: 01247863

Expiry Date: 30.04.2023 (DD.MM.YYYY)

Storage: at -20±5°C

#### Filling lots for components in package:

| Lot      | Quantity   | Description                                        |
|----------|------------|----------------------------------------------------|
| 01247164 | 100 µL     | Universal Cycle Primer-40 M13 Frwd (23-mer)        |
| 01241352 | 200 µL     | Thermo Sequenase™ DNA Polymerase w/Pyrophosphatase |
| 01247088 | 150 µL     | dATP Cycle Mix                                     |
| 01247086 | 150 µL     | dTTP Cycle Mix                                     |
| 01247085 | 150 µL     | dCTP Cycle Mix                                     |
| 01247084 | 150 µL     | 7-deaza-dGTP Cycle Mix                             |
| 01247065 | 400 µL     | ddG Termination Mix                                |
| 01247064 | 400 µL     | ddA Termination Mix                                |
| 01247090 | 400 µL     | ddT Termination Mix                                |
| 01247089 | 400 µL     | ddC Termination Mix                                |
| 01247048 | 50 µL      | pUC18 Control DNA Double-stranded                  |
| 01247404 | 2 x 1.2 mL | Stop Solution                                      |
| 01241351 | 1 mL       | ThermoSequenase™ Reaction Buffer                   |

### QUALITY CONTROL

| Parameter        | Method                                                                                                        | Requirement                                                                                                              | Result   |
|------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------|
| Functional Assay | Functionally tested in radioactive sequencing using radiolabeled-dATP and pUC18 double-stranded DNA template. | There are no extra or missing bands, absence of stops, and uniform band intensity when compared to the control sequences | 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

