

CERTIFICATE OF ANALYSIS

707701KT Sequenase™ Version 2.0 DNA Sequencing Kit

Packaging Lot: 01107324

Expiry Date: 30.11.2021 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
01082699	25 µL	Inorganic Pyrophosphatase
00926031	25 µL	Sequenase™ Version 2.0 DNA Polymerase
00924955	250 µL	ddG Termination Mix (for dGTP)
01041732	100 µL	5X dGTP Labeling Mix (for radiolabeled dATP)
00925003	125 µL	ddA Termination Mix (for dITP)
00924977	125 µL	ddG Termination Mix (for dITP)
00924986	100 µL	5X dITP Labeling Mix (for radiolabeled dATP)
00924962	100 µL	dGTP Extending Mix
00925010	125 µL	ddT Termination Mix (for dITP)
00924956	250 µL	ddT Termination Mix (for dGTP)
00924973	50 µL	dITP Extending Mix
00925005	125 µL	ddC Termination Mix (for dITP)
00924981	250 µL	ddC Termination Mix (for dGTP)
00924957	250 µL	ddA Termination Mix (for dGTP)
01057519	50 µL	M13mp18 DNA
00925196	100 µL	Sequencing Primer-40 M13 (17-mer)
01100437	150 µL	DTT Solution 0.1 M
00925000	2 x 1.2 mL	Stop Solution
01078271	250 µL	Glycerol Dilution Buffer
00924980	1 mL	5X Sequenase™ Reaction Buffer
00925392	1 mL	Sequenase™ Enzyme Dilution Buffer
01106158	100 µL	Mn Buffer (for dGTP)

QUALITY CONTROL

Parameter	Method	Requirement	Result
Functional Assay	Functionally tested in radioactive sequencing using radiolabeled-dATP and M13mp18 single-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**

