

CERTIFICATE OF ANALYSIS

707701KT Sequenase™ Version 2.0 DNA Sequencing Kit

Packaging Lot: 01217458

Expiry Date: 31.08.2022 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
01150452	25 µL	Inorganic Pyrophosphatase
01216605	25 µL	Sequenase™ Version 2.0 DNA Polymerase
01150214	125 µL	ddA Termination Mix (for dITP)
01150187	50 µL	dITP Extending Mix
01150189	100 µL	dGTP Extending Mix
01150195	125 µL	ddT Termination Mix (for dITP)
01150201	125 µL	ddG Termination Mix (for dITP)
01150208	125 µL	ddC Termination Mix (for dITP)
01204318	250 µL	ddT Termination Mix (for dGTP)
01204315	250 µL	ddG Termination Mix (for dGTP)
01204304	250 µL	ddC Termination Mix (for dGTP)
01204294	250 µL	ddA Termination Mix (for dGTP)
01149724	100 µL	5X dITP Labeling Mix (for radiolabeled dATP)
01149713	100 µL	5X dGTP Labeling Mix (for radiolabeled dATP)
01216960	50 µL	M13mp18 DNA
01148789	100 µL	Sequencing Primer-40 M13 (17-mer)
01150449	2 x 1.2 mL	Stop Solution
01100437	150 µL	DTT Solution 0.1 M
01150447	1 mL	Sequenase™ Enzyme Dilution Buffer
01150446	250 µL	Glycerol Dilution Buffer
01150443	100 µL	Mn Buffer (for dGTP)
01150451	1 mL	5X Sequenase™ Reaction Buffer

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**

