

Test Release Document

Released:
Michele Amasio

Version: 01

**Lyo-Ready™
T4 PNK Reaction Buffer, 5x**

Cat. No. MDX206

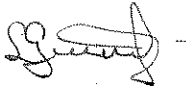
Storage Conditions: -20 °C

Lot number: RD124D

Test Parameters

Analysis	Specification	Result
Functionality	<p>Activity is measured in a phosphorylation-ligation coupled enzyme reaction at a fixed enzyme and template concentration.</p> <p><u>Pass criteria:</u></p> <p>Reaction rate of T4 PNK using test and history buffer should be within $\pm 10\%$.</p>	Passed

Authorised by Lina Gasiunaite
Team Leader R&D





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Glycerol-Free T4 Polynucleotide Kinase (HC), 20 U/ μ L

Cat No.: MDX206

Storage Conditions: -20 °C

Lot number: RD124D

Test Parameters

Analysis	Specification	Result
Unit Activity	<p>Activity is measured as T4 Polynucleotide Kinase units in a unit determination assay against a reference standard curve of known enzyme concentration.</p> <p><u>Pass Criteria:</u> Activity must be within +/- 25% of 20 U/μL</p>	<p>25 U/μL</p> <p>Passed</p>

Authorised by Lina Gasiunaite
Team Leader, R&D