

**Glycerol-Free T4
DNA Polymerase (HC), 20 U/μL**

Cat No.: MDX207

Storage Conditions: -20 °C

Lot number: RD123L

Test Parameters

Analysis	Specification	Result
Unit Activity	<p>Activity is measured as T4 DNA polymerase units in a unit determination assay against a reference standard curve of known enzyme concentration.</p> <p>Pass Criteria: Activity must be ≥ 20 U/μL</p>	<p>23.3 U/μL</p> <p>Passed</p>

Authorised by Thomas Fouqueau
Team Leader, R&D



**Lyo-Ready™
T4 DNA Pol Reaction Buffer, 5x**

Cat. No.	MDX207
Storage Conditions:	-20 °C
Lot number:	RD123L

Test Parameters

Analysis	Specification	Result
Functional	<p>Activity is measured in a primer extension assay at a fixed enzyme and template concentration.</p> <p><u>Pass criteria:</u></p> <p>End fluorescence between the test and history buffer should be within $\pm 10\%$.</p>	Passed

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