

**Glycerol-Free Phi-29 DNA
Polymerase (HC), 100 U/μL**

Cat No.: MDX240

Storage Conditions: -80 °C

Lot number: RD125A

Test Parameters

Analysis	Specification	Result
Unit Activity	Activity is measured using a rolling circle amplification assay against a standard curve of known enzyme concentration. <u>Pass Criteria:</u> Activity must be ≥ 100 U/μL	118 U/μL

Authorised by Michele Amasio
Senior Manager, R&D

Michele Amasio

Test Release Document

Released:

Michele Amasio

Version: 01

Lyo-Ready™ Phi-29 DNA Pol Reaction Buffer, 5x	Cat. No.	MDX240
	Storage Conditions:	-20 °C
	Lot number:	RD125A

Test Parameters

Analysis	Specification	Result
Functional	A Rolling circle amplification reaction is carried out in Lyo-Ready™ Phi-29 DNA Pol Reaction Buffer in the presence of Phi-29 DNA polymerase, to amplify a single stranded DNA target from a microphage. <u>Pass criteria:</u> Ct must be consistent for the Test and Reference sample with ± 1 Ct variance.	Passed

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Senior Manager, R&D

