

	Test Release Document	Released: Michele Amasio
		Version: 01

Glycerol-Free DNA Pol I Klenow Fragment exo- (HC)	Cat. No.	MDX218
	Storage Conditions:	-20 °C
	Lot number:	RD223I

Test Parameters		
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Analysis	Specification	Result
Functionality	Klenow polymerase activity is measured in a unit determination assay against a reference standard curve of known enzyme concentration. <u>Pass criteria:</u> Activity must be 55 U/μL ± 10%	52.6 U/μL
Purity	Purity determined by protein electrophoresis.	>95%

Authorised by William Ferreira
R&D Team Leader



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Lyo-Ready™ Klenow Reaction Buffer, 5x	Cat. No.	MDX218
	Storage Conditions:	-20 °C
	Lot number:	RD223I

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

Authorised by William Ferreira
R&D Team Leader

